Filing Company: Encompass Indemnity Company State Tracking Number:

Company Tracking Number: ER-1910: RATE/FACTOR REVISION

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: EI PPA

Project Name/Number: Rate/Factor Revision/839870

### Filing at a Glance

Company: Encompass Indemnity Company

Product Name: EI PPA SERFF Tr Num: ALSE-127937820 State: Arkansas TOI: 19.0 Personal Auto SERFF Status: Closed-Filed State Tr Num: Sub-TOI: 19.0001 Private Passenger Auto Co Tr Num: ER-1910: State Status:

(PPA) RATE/FACTOR REVISION

Filing Type: Rate/Rule Reviewer(s): Alexa Grissom

Author: Andi Colosi Disposition Date: 01/17/2012

Date Submitted: 12/29/2011 Disposition Status: Filed

Effective Date Requested (New): 04/30/2012 Effective Date (New): 04/30/2012

Effective Date Requested (Renewal): 05/31/2012 Effective Date (Renewal):

05/31/2012

State Filing Description:

### **General Information**

Project Name: Rate/Factor Revision

Status of Filing in Domicile:

Project Number: 839870

Domicile Status Comments:

Reference Organization: Reference Number:
Reference Title: Advisory Org. Circular:

Filing Status Changed: 01/17/2012

State Status Changed: Deemer Date:

Created By: Celeste Mrdak Submitted By: Celeste Mrdak

Corresponding Filing Tracking Number:

Filing Description: Rate/Factor Revision

With this filing, Encompass Indemnity Company (EI) is proposing a 3.0% overall change to the Private Passenger Automobile line of business. Revisions include the Auto Premium Calculation Rate Adjustment Factors, Auto Base Rates, the Model Year Factors, the Preferred Protection Discount factors, the Work Loss Coverage rate, the Accidental Death Benefit rate, and the Stated Amount factors. Please refer to the Auto Rate Pages and Auto Rule Pages for the revised factors.

Effective Date:

New Business: 4/30/2012

Filing Company: Encompass Indemnity Company State Tracking Number:

Company Tracking Number: ER-1910: RATE/FACTOR REVISION

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: EI PPA

Project Name/Number: Rate/Factor Revision/839870

Renewals: 5/31/2012

### **Company and Contact**

**Filing Contact Information** 

Andi Colosi, State Filings Project Manager andi.colosi@allstate.com

2775 Sanders Road 847-402-5000 [Phone] 21839 [Ext]

Suite A2-W 847-402-9757 [FAX]

Northbrook, IL 60062

**Filing Company Information** 

Encompass Indemnity Company CoCode: 15130 State of Domicile: Illinois

2775 Sanders Rd. Group Code: 8 Company Type: Property and

Casualty

Suite A2-W Group Name: Allstate State ID Number:

Northbrook, IL 60062 FEIN Number: 59-2366357

(847) 402-5000 ext. [Phone]

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### **Filing Fees**

Fee Required? Yes

Fee Amount: \$150.00

Retaliatory? No

Fee Explanation: Filing and review of independent rate filings - \$100

Filing of an independent rule filing - \$50

Per Company: No

COMPANY AMOUNT DATE PROCESSED TRANSACTION #

Encompass Indemnity Company \$150.00 12/29/2011 54903269

Filing Company: Encompass Indemnity Company State Tracking Number:

Company Tracking Number: ER-1910: RATE/FACTOR REVISION

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: EI PPA

Project Name/Number: Rate/Factor Revision/839870

### **Correspondence Summary**

### **Dispositions**

Status Created By Created On Date Submitted

Filed Alexa Grissom 01/17/2012 01/17/2012

**Objection Letters and Response Letters** 

Objection Letters Response Letters

Status Created By Created On Date Submitted Responded By Created On Date Submitted

Pending Alexa Grissom 01/12/2012 01/12/2012 Andi Colosi 01/13/2012 01/13/2012

Industry Response

Filing Company: Encompass Indemnity Company State Tracking Number:

Company Tracking Number: ER-1910: RATE/FACTOR REVISION

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: EI PPA

Project Name/Number: Rate/Factor Revision/839870

### **Disposition**

Disposition Date: 01/17/2012

Effective Date (New): 04/30/2012

Effective Date (Renewal): 05/31/2012

Status: Filed Comment:

Company Name:	Overall %	Overall % Rate	Written	# of Policy	Written	Maximum %	Minimum %
	Indicated	Impact:	Premium	Holders	Premium for	Change (where	Change (where
	Change:		Change for	Affected for this	this Program:	required):	required):
			this	Program:			
			Program:				
<b>Encompass Indemnity</b>	9.900%	3.000%	\$52,819	1,078	\$1,760,640	15.600%	-5.100%
Company							

Filing Company: Encompass Indemnity Company State Tracking Number:

Company Tracking Number: ER-1910: RATE/FACTOR REVISION

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: EI PPA

Project Name/Number: Rate/Factor Revision/839870

Schedule	Schedule Item	Schedule Item Status	<b>Public Access</b>
Supporting Document	A-1 Private Passenger Auto Abstract	Filed	Yes
Supporting Document	APCS-Auto Premium Comparison Survey	/ Filed	Yes
Supporting Document	NAIC loss cost data entry document	Filed	Yes
Supporting Document	NAIC Loss Cost Filing Document for	Filed	Yes
	OTHER than Workers' Comp		
Supporting Document	Actuarial Support	Filed	Yes
Supporting Document	Objection Response - 1/13/12	Filed	Yes
Rate	ManualAutoRates	Filed	Yes
Rate	ManualAutoRules	Filed	Yes

Filing Company: Encompass Indemnity Company State Tracking Number:

Company Tracking Number: ER-1910: RATE/FACTOR REVISION

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: EI PPA

Project Name/Number: Rate/Factor Revision/839870

### **Objection Letter**

Objection Letter Status Pending Industry Response

Objection Letter Date 01/12/2012 Submitted Date 01/12/2012

Respond By Date Dear Andi Colosi,

This will acknowledge receipt of the captioned filing. Please provide the Department with an exhibit displaying loss ratios by coverage.

In accordance with Regulation 23, Section 7.A., this filing may not be implemented until 20 days after the requested amendment(s) and/or information is received.

NOTICE regarding, corrections to filings and scrivener's Errors:

Effective for all filings made on or after June 1, 2011, Arkansas no longer allows the re-opening of closed filings for corrections, changes in effective dates, scrivener's errors, amendments or substantive changes. Please see the General Instructions for how these events will be handled after the effective date of the change."

Sincerely,

Alexa Grissom

Filing Company: Encompass Indemnity Company State Tracking Number:

Company Tracking Number: ER-1910: RATE/FACTOR REVISION

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: EI PPA

Project Name/Number: Rate/Factor Revision/839870

### **Response Letter**

Response Letter Status Submitted to State

Response Letter Date 01/13/2012 Submitted Date 01/13/2012

Dear Alexa Grissom,

### Comments:

Hi Alexa: Thank you for your help with this filing. Please see our attached response and let us know if you have any other questions or concerns.

### Response 1

Comments: Please see the attached document

### **Changed Items:**

### **Supporting Document Schedule Item Changes**

Satisfied -Name: Objection Response - 1/13/12

Comment:

No Form Schedule items changed.

No Rate/Rule Schedule items changed.

Thanks!

Andi

Sincerely,

Andi Colosi

Filing Company: Encompass Indemnity Company State Tracking Number:

Company Tracking Number: ER-1910: RATE/FACTOR REVISION

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: EI PPA

Project Name/Number: Rate/Factor Revision/839870

### **Rate Information**

Rate data applies to filing.

File & Use

Rate Change Type: Increase

Overall Percentage of Last Rate Revision: 0.000%

Effective Date of Last Rate Revision: 05/02/2011

Filing Method of Last Filing: File & Use

**Company Rate Information** 

Company Name:	Overall %	Overall % Rate	Written	# of Policy	Written	Maximum %	Minimum %
	Indicated	Impact:	Premium	Holders	Premium for	Change (where	Change (where
	Change:		Change for	Affected for this	this Program:	required):	required):
			this Program:	Program:			
Encompass Indemnity	9.900%	3.000%	\$52,819	1.078	\$1,760,640	15.600%	-5.100%

Filing Company: Encompass Indemnity Company State Tracking Number:

Company Tracking Number: ER-1910: RATE/FACTOR REVISION

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: EI PPA

Project Name/Number: Rate/Factor Revision/839870

### Rate/Rule Schedule

Schedule Item Exhibit Name: Rule # or Page Rate Action Previous State Filing Attachments
Status: #: Number:

Filed 01/17/2012 Manual AutoRates Replacement 11. ER-1910

ManualAutoRates.pdf

Filed 01/17/2012 Manual AutoRules Replacement 12. ER-1910

ManualAutoRules.pdf



# ARKANSAS USP PORTFOLIO MOTOR VEHICLE RATE PAGES ENCOMPASS INDEMNITY COMPANY



### AUTO PREMIUM CALCULATION (ROUND TO THE NEAREST DOLLAR AFTER EACH STEP)

STEP		BI	PD	MED	COMP	COLL
1	TERRITORIAL BASE RATE					
	RATE ADJUSTMENT FACTOR (RAF)	x 1.000				
	INCREASED LIMIT FACTOR	х	x	x	X 11000	X 11000
	MODEL YEAR FACTOR	~	X		х	х
	EXPERIENCE GROUP RATING FACTOR	х	x	x	x	x
	NEW CAR DISCOUNT				X	X
	REPLACEMENT VALUE FACTOR				X	x
	STATED AMOUNT BASE PREMIUM					
	DEDUCTIBLE BY SYMBOL FACTOR (Note: For Stated					
	Amount Coverage, use Price Group Symbol M deductible					
q	factors)				x	x
	COVERAGE OPTION FACTOR	х	х	х	x	x
	AUTO RATING TIER FACTOR	x	x	x	x	x
	PRIOR AUTO INSURANCE FACTOR	x	x	x	x	x
	DRIVER CLASSIFICATION FACTOR	x	x	x	x	x
	MULTI-CAR RATING FACTOR	x	x	x	x	x
	MERIT RATING FACTOR	x	x	x	x	x
	MAJOR VIOLATION SURCHARGE	x	x	x		х
	NON-VERIFIABLE DRIVING RECORD SURCHARGE	x	x	x	х	x
	PASSIVE RESTRAINT DISCOUNT			х		
	ANTI-LOCK BRAKE DISCOUNT	х	х			
20	ANTI-THEFT DEVICE DISCOUNT				X	
21	DRIVER TRAINING DISCOUNT	х	х			х
22	GOOD STUDENT DISCOUNT	х	х	х	х	х
23	RESIDENT STUDENT DISCOUNT	х	х			х
24	MOTOR VEHICLE ACCIDENT PREV DISC	х	х	x		X
25	ACCIDENT/VIOLATION FREE DISCOUNT	х	x	x	X	x
26	POLICY LOSS FREE DISCOUNT	х	x	x	x	x
	GOOD PAYER DISCOUNT	х	x	x	x	x
28	FUTURE EFFECTIVE DATE DISCOUNT	х	x	x	x	x
	ENCOMPASS EASY PAY PLAN DISCOUNT	Х	x	x	X	X
	HOMEOWNERSHIP DISCOUNT	х	x	x	x	x
	PREFERRED PROTECTION DISCOUNT	X	х	x	X	X
	COLLEGE GRADUATE SCHOL ACHV DISC	х	x	x	X	X
	ACCIDENTAL AIR BAG DEPLOYMENT				+	
	FIXED EXPENSE PREMIUM	+	+		+	+
	GROUP PROGRAM DISCOUNT	х	х	x	x	x
	CREDIT FOR EXISTING INSURANCE	х	х	x	x	x
37	TOTAL COVERAGE PREMIUM	=	=	=	=	=

38	UM/UIM COVERAGE	Rate	RAF	CFEI	Total
	UM BI PREMIUM		x 1.060	X	
	UIM BI PREMIUM		x 1.060	x	+
	UM PD PREMIUM		<u>x 1.060</u>	x	+
	TOTAL UM/UIM COVERAGE PREMIUM				=

39	MISCELLANEOUS COVERAGES EXTENDED TRANSPORTATION PREMIUM	Rate	Group Program Discount	Total +
	TOWING & LABOR PREMIUM		x	+
	ELECTRONIC EQUIPMENT PREMIUM		х	+
	CUSTOMIZATION COMP PREMIUM			+
	CUSTOMIZATION COLLISION PREMIUM			+
	AUTO LOAN/LEASE COMP PREMIUM			+
	AUTO LOAN/LEASE COLL PREMIUM			+
	WORK LOSS PREMIUM		X	+
	DEATH BENEFIT PREMIUM		X	+
	TOTAL MISC COVERAGES PREMIUM			=

40	TOTAL ANNUAL PREMIUM	=
		-

	NOTES
Territory:	
Limit:	
Ded(s):	
Model Yr:	
Symbol:	
Class:	
Tier:	
Other:	

Effective: 04/30/12 New 05/31/12 Ren

Ed. Date 12/11 Auto Premium Calculation-1



### AUTO CUSTOMIZATION PREMIUM CALCULATION (ROUND TO THE NEAREST DOLLAR AFTER EACH STEP)

STEP		COMP	COLL
1	TERRITORIAL BASE RATE		
2	RATE ADJUSTMENT FACTOR	x 1.000	x 1.000
3	MODEL YEAR FACTOR	х	x
4	EXP. GRP RATING FACTOR	х	x
	Amount coverage, use Price Group Symbol M deductible		
5	factors)	x	x
6	CUSTOMIZATION AMOUNT		
7	CUSTOMIZATION FACTOR	х	х
8	NEW CAR DISCOUNT	х	х
9	REPLACEMENT VALUE FACTOR		
10	COVERAGE OPTION FACTOR	х	x
11	AUTO RATING TIER FACTOR	х	x
12	AUTO RATING TIER ADJUSTMENT FACTOR	х	x
13	PRIOR AUTO INSURANCE FACTOR	х	x
14	DRIVER CLASSIFICATION FACTOR	х	x
15	MULTI-CAR RATING FACTOR	х	x
16	MERIT RATING FACTOR	х	x
17	MAJOR VIOLATION SURCHARGE		x
18	NON-VERIFIABLE DRIVING RECORD SURCHARGE	х	x
19	ANTI-THEFT DEVICE DISCOUNT	х	
20	DRIVER TRAINING DISCOUNT		X
21	GOOD STUDENT DISCOUNT	х	x
22	RESIDENT STUDENT DISCOUNT		x
23	MOTOR VEHICLE ACCIDENT PREV DISC		x
24	ACCIDENT/VIOLATION FREE DISCOUNT	х	x
25	POLICY LOSS FREE DISCOUNT		X
26	GOOD PAYER DISCOUNT	х	x
27	FUTURE EFFECTIVE DATE DISCOUNT	х	x
28	ENCOMPASS EASY PAY PLAN DISCOUNT	х	x
29	HOMEOWNERSHIP DISCOUNT	х	х
30	PREFERRED PROTECTION DISCOUNT	х	x
31	COLLEGE GRADUATE SCHOL ACHV DISC	х	x
32	CREDIT FOR EXISTING INSURANCE	х	х
33	TOTAL COVERAGE PREMIUM	=	=

### AUTO LOAN/LEASE PREMIUM CALCULATION (ROUND TO THE NEAREST DOLLAR AFTER EACH STEP)

STEP		T (	СОМР		COLL
1	TERRITORIAL BASE RATE				
2	RATE ADJUSTMENT FACTOR	х	1.000	х	1.000
3	MODEL YEAR FACTOR	х		х	
4	EXP. GRP RATING FACTOR	х		х	
5	NEW CAR DISCOUNT	х		х	
	DEDUCTIBLE BY SYMBOL FACTOR (Note: For Stated				
	Amount coverage, use Price Group Symbol M deductible				
6	factors)	X		X	
7	COVERAGE OPTION FACTOR	Х		х	
8	AUTO RATING TIER FACTOR	х		х	
9	AUTO RATING TIER ADJUSTMENT FACTOR	X		X	
10	PRIOR AUTO INSURANCE FACTOR	X		X	
11	DRIVER CLASSIFICATION FACTOR	X		X	
12	MULTI-CAR RATING FACTOR	Х		х	
13	MERIT RATING FACTOR	X		X	
14	MAJOR VIOLATION SURCHARGE			X	
15	NON-VERIFIABLE DRIVING RECORD SURCHARGE	Х		X	
16	ANTI-THEFT DEVICE DISCOUNT	X			
17	DRIVER TRAINING DISCOUNT			X	
18	GOOD STUDENT DISCOUNT	X		X	
19	RESIDENT STUDENT DISCOUNT			X	
20	MOTOR VEHICLE ACCIDENT PREV DISC			X	
	ACCIDENT/VIOLATION FREE DISCOUNT	X		Х	
	POLICY LOSS FREE DISCOUNT			X	
	GOOD PAYER DISCOUNT	X		X	
24	FUTURE EFFECTIVE DATE DISCOUNT	х		X	
	ENCOMPASS EASY PAY PLAN DISCOUNT	Х		X	
	HOMEOWNERSHIP DISCOUNT	Х		X	
	PREFERRED PROTECTION DISCOUNT	Х		X	
_	LOAN/LEASE DEFICIENCY COVERAGE FACTOR	х		х	
	CREDIT FOR EXISTING INSURANCE	X		Х	
30	TOTAL COVERAGE PREMIUM	=		=	

Effective: 04/30/12 New



### AUTO PERSONAL UMBRELLA PREMIUM CALCULATION

(ROUND TO THE NEAREST DOLLAR AFTER EACH STEP)

STEP		PP Autos, Pickups and Vans	Motorcyles	Dune Buggies	Other Misc. Types
1	BASE PREMIUM (\$500,000)				
2	RATE ADJUSTMENT FACTOR	x 1.065	x 1.065	x 1.065	x 1.065
3	PACKAGE DISCOUNT	X		X	
4	YOUTHFUL SURCHARGE	+	+	+	
5	SENIOR DISCOUNT	-			
6	INCREASED LIMIT FACTOR	X	x	x	x
7	MULTI-VEHICLE FACTOR	X			
8	POLICY LOSS FREE FACTOR	X	x	x	x
9	\$100/300 OR \$300,000 UNDERLYING SURCHARGES	+	+	+	+
10	CREDIT FOR EXISTING INSURANCE	Х	х	x	Х
11	TOTAL MOTOR VEHICLE UMBRELLA PREMIUM	=	=	=	=

Effective: 04/30/12 New



### MOTOR HOME LIABILITY PREMIUM CALCULATION

(ROUND TO THE NEAREST DOLLAR AFTER EACH STEP)

STEP	BI	PD	MED
1 BASE RATE (FROM RULE 12)			
2 RATE ADJUSTMENT FACTOR (FROM RATE PAGES)	x 1.065	x 1.065	x 1.075
3 POLICY LOSS FREE FACTOR	x	x	x
4 MISCELLANEOUS VEHICLE LOSS SURCHARGE	x	x	x
5 ANTI-LOCK BRAKE DISCOUNT	х	х	
6 PASSIVE RESTRAINT DISCOUNT			x
7 FIXED EXPENSE PREMIUM	+	+	
8 CREDIT FOR EXISTING INSURANCE	х	х	х
9 TOTAL COVERAGE PREMIUM	=	=	=

### MOTOR HOME UM/UIM PREMIUM CALCULATION

(ROUND TO THE NEAREST DOLLAR AFTER EACH STEP)

STEP		UM/UIM BI	UM PD
1	BASE RATE (FROM AUTO RULE 9.A)		
2	RATE ADJUSTMENT FACTOR (FROM RATE PAGES)	x 1.060	x 1.060
3	CREDIT FOR EXISTING INSURANCE	X	х
4	TOTAL COVERAGE PREMIUM	=	=

Note: UM/UIM Premium is vehicle level based on the number of PP autos, vans, pickups, motor homes, motorcycles and antique autos on policy.

### MOTOR HOME/TRAILER PHYSICAL DAMAGE PREMIUM CALCULATION (ROUND TO THE NEAREST DOLLAR AFTER EACH STEP)

			COLL	
STEP	MOTOR HOME/TRAILER PHYSICAL DAMAGE COVERAGE	COMP	(MH/RecTrail)	COLL (AllOtherTrailer)
1	ACTUAL CASH VALUE (\$000) (Motor Home or Rec Trailer)			
2	ACTUAL CASH VALUE (\$00) (All Other Trailer)			
3	RATE PER VALUE	X	x	
4	INTERIM SUBTOTAL	=	=	
5	PREMIUM FOR COLLISION BASED ON ACTUAL CASH VALU			П
6	DEDUCTIBLE BY SYMBOL (M) FACTOR	X	x	x
7	RATE ADJUSTMENT FACTOR (FROM RATE PAGES)	x 1.000	x 1.000	x 1.000
8	POLICY LOSS FREE FACTOR	X	x	x
9	MISCELLANEOUS VEHICLE LOSS SURCHARGE FACTOR	X	x	х
10	SUBTOTAL (USED FOR LOAN/LEASE COVERAGE)	=	=	=
11	FIXED EXPENSE PREMIUM (not applicable to Trailers)	+	+	
12	CREDIT FOR EXISTING INSURANCE	X	x	x
13	TOTAL COVERAGE PREMIUM		=	=

### MOTOR HOME LOAN/LEASE PREMIUM CALCULATION

(ROUND TO THE NEAREST DOLLAR AFTER EACH STEP)

STEP		COMP	COLL
	SUBTOTAL FROM MOTOR HOME PHYSICAL DAMAGE		
1	COVERAGE PREMIUM		
2	AUTO LOAN/LEASE FACTOR	X	x
3	CREDIT FOR EXISTING INSURANCE	X	x
4	TOTAL COVERAGE PREMIUM		=

### MOTOR HOME MISCELLANEOUS PREMIUM CALCULATION

(ROUND TO THE NEAREST DOLLAR AFTER EACH STEP)

STEP	Rate	CFEI	Total
1 ELECTRONIC EQUIPMENT PREMIUM		X	=
2 TOTAL MISC COVERAGES PREMIUM			=

TOTAL ANNUAL PREMIUM	l=

Effective: 04/30/12 New



### MISCELLANEOUS VEHICLE LIABILITY PREMIUM CALCULATION

(ROUND TO THE NEAREST DOLLAR AFTER EACH STEP)

STEP	BI	PD	MED
1 TERRITORIAL BASE RATE			
2 RATE ADJUSTMENT FACTOR (FROM RATE PAGES)	x 0.922	x 0.909	x 0.903
3 INCREASED LIMIT FACTOR	x	x	x
4 MISCELLANEOUS VEHICLE LIABILITY FACTOR	x	x	x
5 POLICY LOSS FREE FACTOR	х	х	х
6 MISCELLANEOUS VEHICLE LOSS SURCHARGE	х	x	х
7 FIXED EXPENSE PREMIUM (ANTIQUE AUTOS ONLY)	+	+	
8 CREDIT FOR EXISTING INSURANCE	x	x	x
9 TOTAL COVERAGE PREMIUM	=	=	=

### MISCELLANEOUS VEHICLE UM/UIM PREMIUM CALCULATION

(ROUND TO THE NEAREST DOLLAR AFTER EACH STEP)

STEP	MOTORCYCLE UM/UIM COVERAGE	UM/UIM BI	UM PD
1	BASE RATE		
2	RATE ADJUSTMENT FACTOR (FROM RATE PAGES)	x 1.060	x 1.060
3	CREDIT FOR EXISTING INSURANCE	Х	х
4	TOTAL COVERAGE PREMIUM	=	=

Note: UM/UIM Premium is vehicle level based on the number of PP autos, vans, pickups, motor homes, motorcycles and antique autos on policy.

### MISCELLANEOUS VEHICLE PHYSICAL DAMAGE PREMIUM CALCULATION (ROUND TO THE NEAREST DOLLAR AFTER EACH STEP)

STEP		COMP	COLL
1	ACTUAL CASH VALUE OR STATED AMOUNT (\$00)		
2	RATE PER \$100 OF ACTUAL CASH VALUE OR STATED AMO	X	x
3	DEDUCTIBLE BY SYMBOL (M) FACTOR	X	x
4	RATE ADJUSTMENT FACTOR (FROM RATE PAGES)	x 0.923	x 0.901
5	POLICY LOSS FREE FACTOR	X	x
6	MISCELLANEOUS VEHICLE LOSS SURCHARGE	X	x
7	FIXED EXPENSE PREMIUM (ANTIQUE AUTOS ONLY)	+	+
8	CREDIT FOR EXISTING INSURANCE	X	x
9	TOTAL COVERAGE PREMIUM	-	=

### MISCELLANEOUS VEHICLE MISCELLANEOUS PREMIUM CALCULATION \*\*

(ROUND TO THE NEAREST DOLLAR AFTER EACH STEP)

STEP		Rate	CFEI	Total
1	EXTENDED TRANSPORTATION & RENTAL RE PREMIUM		X	+
2	TOWING & LABOR PREMIUM		X	+
3	ELECTRONIC EQUIPMENT PREMIUM		X	+
4	TOTAL MISC COVERAGES PREMIUM			=

<sup>\*\*</sup> These coverages are not available for snowmobiles, ATVs or dune buggies.

Effective: 04/30/12 New 05/31/12 Ren

Ed. Date 12/11 Auto Premium Calculation-5



### **AUTO BASE RATES**

Territory	BI \$100/300	PD \$50,000	MED \$5,000	COMP	COLL
101	283	<u>171</u>	<u> 26</u>	244	<u>476</u>
102	<u>283</u>	<u>171</u>	<u>26</u>	244	<u>510</u>
103	<u>283</u>	<u>159</u>	<u>26</u>	244	476
104	<u>232</u>	<u>159</u>	<u>32</u>	<u>310</u>	<u>476</u>
105	<u>248</u>	<u>163</u>	<u>26</u>	<u>377</u>	<u>476</u>
106	<u>232</u>	<u>159</u>	<u>30</u>	<u>377</u>	<u>535</u>
107	<u>232</u>	<u>159</u>	<u>26</u>	<u>310</u>	<u>476</u>
108	<u>232</u>	<u>171</u>	<u>32</u>	<u>310</u>	<u>476</u>
109	<u>232</u>	<u>159</u>	<u>30</u>	<u>377</u>	<u>476</u>
110	<u>232</u>	<u>171</u>	<u>26</u>	<u>310</u>	<u>476</u>
111	<u>232</u>	<u>163</u>	<u>26</u>	<u>377</u>	<u>535</u>
112	<u>248</u>	<u>163</u>	<u>30</u>	<u>377</u>	<u>535</u>
113	<u>232</u>	<u>159</u>	<u>30</u>	<u>310</u>	<u>476</u>
114	<u>232</u>	<u>159</u>	<u>26</u>	<u>310</u>	<u>535</u>
115	<u>232</u>	<u>159</u>	<u>30</u>	<u>310</u>	<u>535</u>
116	<u>232</u>	<u>159</u>	<u>26</u>	<u>244</u>	<u>476</u>
117	<u>232</u>	<u>171</u>	<u>26</u>	<u>310</u>	<u>535</u>
118	<u>189</u>	<u>146</u>	<u>26</u>	<u>377</u>	<u>535</u>
119	<u>189</u>	<u>146</u>	<u>26</u>	<u>310</u>	<u>476</u>
120	<u>189</u>	<u>146</u>	<u>26</u>	<u>310</u>	<u>535</u>
121	<u>189</u>	<u>146</u>	<u>26</u>	<u>244</u>	<u>535</u>
122	<u>232</u>	<u>163</u>	<u>26</u>	<u>377</u>	<u>476</u>
123	<u>189</u>	<u>146</u>	<u>26</u>	<u>377</u>	<u>486</u>
124	<u>248</u>	<u>163</u>	<u>26</u>	<u>377</u>	<u>486</u>
125	<u>189</u>	<u>146</u>	<u>30</u>	<u>377</u>	<u>535</u>
126	<u>172</u>	<u>131</u>	<u>25</u>	<u>280</u>	<u>441</u>
127	<u>189</u>	<u>146</u>	<u>30</u>	<u>377</u>	<u>486</u>
128	<u>189</u>	<u>146</u>	<u>26</u>	<u>310</u>	<u>486</u>
129	<u>189</u>	<u>146</u>	<u>30</u>	<u>244</u>	<u>486</u>
130	<u>283</u>	<u>171</u>	<u>26</u>	<u>244</u>	<u>486</u>
131	<u>189</u>	<u>159</u>	<u>26</u>	<u>310</u>	<u>510</u>
132	<u>189</u>	<u>146</u>	<u>30</u>	<u>310</u>	<u>535</u>
133	<u>232</u>	<u>159</u>	<u>26</u>	<u>244</u>	<u>535</u>
134	<u>232</u>	<u>159</u>	<u>26</u>	<u>244</u>	<u>510</u>
135	<u>283</u>	<u>159</u>	<u>26</u>	<u>244</u>	<u>486</u>

Effective: 04/30/12 New



### **AUTO BASE RATES**

Territory	BI \$100/300	PD \$50,000	MED \$5,000	COMP	COLL
136	283	146	2 <u>6</u>	244	486
137	236	146	30	244	486
138	283	159	26	244	535
139	236	146	26	244	486
140	236	159	15	244	486
141	189	146	26	310	510
142	<u>236</u>	159	26	244	486
143	236	169	26	244	486
144	283	169	15	216	476
145	283	204	<u>26</u>	216	<u>510</u>
146	232	152	<u>27</u>	282	476
147	232	<u>169</u>	<u>27</u>	216	476
148	232	<u>152</u>	32	377	457
149	<u>232</u>	<u>169</u>	<u>30</u>	<u>178</u>	<u>476</u>
150	<u>232</u>	<u>169</u>	<u>27</u>	<u>267</u>	<u>457</u>
151	<u>283</u>	<u>204</u>	<u>26</u>	<u>244</u>	<u>510</u>
152	<u>224</u>	<u>135</u>	<u>19</u>	<u>253</u>	<u>457</u>
153	<u>321</u>	<u>152</u>	<u>32</u>	<u>377</u>	<u>559</u>
154	<u> 269</u>	<u>162</u>	<u>15</u>	232	<u>485</u>
155	<u>283</u>	<u>159</u>	<u>15</u>	<u>216</u>	<u>583</u>
156	<u>232</u>	<u>169</u>	<u>32</u>	<u>282</u>	<u>476</u>
157	<u>321</u>	<u>169</u>	<u>27</u>	<u>282</u>	<u>476</u>
158	<u>303</u>	<u>171</u>	<u>30</u>	<u>178</u>	<u>535</u>
159	<u>236</u>	<u>169</u>	<u>26</u>	<u>216</u>	<u>583</u>
160	<u>189</u>	<u>135</u>	<u>27</u>	<u>267</u>	<u>457</u>
161	<u>232</u>	<u>152</u>	<u>27</u>	<u>216</u>	<u>476</u>
162	<u>189</u>	<u>135</u>	<u>19</u>	<u>267</u>	<u>457</u>
163	<u>232</u>	<u>169</u>	<u>27</u>	<u>178</u>	<u>476</u>
164	<u>236</u>	<u>135</u>	<u>27</u>	<u>267</u>	<u>457</u>
165	<u>232</u>	<u>159</u>	<u>32</u>	<u>282</u>	<u>559</u>
166	<u>189</u>	<u>135</u>	<u>19</u>	<u>267</u>	<u>398</u>
167	<u>232</u>	<u>152</u>	<u>32</u>	<u>310</u>	<u>559</u>
168	<u>232</u>	<u>159</u>	<u>27</u>	<u>282</u>	<u>476</u>
169	<u>236</u>	<u>169</u>	<u>19</u>	<u>267</u>	<u>457</u>
170	<u>283</u>	<u>171</u>	<u>27</u>	<u>216</u>	<u>583</u>

Effective: 04/30/12 New



### **AUTO BASE RATES**

Territory	BI \$100/300	PD \$50,000	MED \$5,000	COMP	COLL
171	236	135	<del>27</del>	267	476
172	232	152	27	282	559
173	283	152 159	15	216	476
173	<u>283</u>	171	26	<u>216</u> 216	<u>510</u>
175	<u>232</u>	171 169	<u>20</u> 27	<u>216</u> 216	457
176	189	135	27	267	437 476
177	305	1 <u>155</u> 194	<u>27</u> <u>25</u>	205	553
178	283	159	26	244	<u>555</u> 510
179	283	169	<u>26</u> 26	216	476
180	232	152	32	310 310	476 476
181	303	215	30	178	535
182	303	169	27	178 178	476
183	232	169	32	216	476 476
184	283	159	15	244	486
185		169		244 244	
186	<u>283</u>		<u>15</u>		<u>583</u>
187	283 232	<u>159</u> 159	<u>15</u> 15	<u>244</u> 244	<u>510</u> 510
188	232	159 152	32	282	510 559
189	232	152 215	<u>32</u> 27	<u>202</u> 178	535
190	<u>283</u>	<u>169</u>	<u>27</u>	<u>216</u>	<u>476</u>
191	<u>221</u>	<u>169</u>	<u>32</u>	<u>282</u>	<u>476</u>
192	<u>232</u>	<u>169</u>	<u>32</u>	<u>216</u>	<u>457</u>
193	<u>305</u>	<u>194</u>	<u>25</u>	<u>155</u>	<u>553</u>
194	<u>305</u>	<u>194</u>	<u>26</u>	<u>155</u>	<u>553</u>
195	<u>305</u>	<u>194</u>	<u>26</u>	<u>205</u>	<u>553</u>
196	<u>283</u>	<u>194</u>	<u>15</u>	<u>155</u>	<u>553</u>
197	<u>305</u>	<u>194</u>	<u>15</u>	<u>155</u>	<u>553</u>
198	<u>269</u>	<u>194</u>	<u>15</u>	<u>205</u>	<u>553</u>
199	<u>321</u>	<u>204</u>	<u>32</u>	<u>377</u>	<u>559</u>
200	<u>221</u>	<u>152</u>	<u>25</u>	<u>310</u>	<u>476</u>
201	<u>321</u>	<u>152</u>	<u>32</u>	<u>282</u>	<u>559</u>
202	<u>248</u>	<u>204</u>	<u>32</u>	<u>377</u>	<u>559</u>
203	<u>221</u>	<u>152</u>	<u>25</u>	<u>377</u>	<u>476</u>
204	<u>232</u>	<u>152</u>	<u>32</u>	<u>377</u>	<u>476</u>
205	<u>248</u>	<u>152</u>	<u>32</u>	<u>377</u>	<u>559</u>

Effective: 04/30/12 New



### **AUTO BASE RATES**

Territory	BI \$100/300	PD \$50,000	MED \$5,000	COMP	COLL
206	232	<u>152</u>	<u>27</u>	377	476
207	248	152	25	377	559
208	232	152	27	377	559
209	321	<u>152</u>	27	282	476
210	221	<u>152</u>	<u>25</u>	377	<u>559</u>
211	221	<u>215</u>	<u>25</u>	377	457
212	<u>232</u>	<u>215</u>	<u>25</u>	310	476
213	189	<u>135</u>	<u>24</u>	<u>310</u>	457
214	232	<u>215</u>	<u>25</u>	377	476
215	<u>221</u>	<u>152</u>	<u>25</u>	<u>310</u>	<u>457</u>
216	<u>221</u>	<u>152</u>	24	<u>310</u>	<u>398</u>
217	<u>189</u>	<u>135</u>	<u>24</u>	<u>310</u>	<u>398</u>
218	<u>221</u>	<u>152</u>	<u>25</u>	<u>377</u>	<u>457</u>
219	<u>221</u>	<u>152</u>	<u>24</u>	<u>310</u>	<u>457</u>
220	<u>232</u>	<u>215</u>	<u>25</u>	<u>377</u>	<u>457</u>
221	<u>189</u>	<u>135</u>	<u>24</u>	<u>282</u>	<u>457</u>
222	<u>221</u>	<u>135</u>	<u>24</u>	<u>282</u>	<u>398</u>
223	221	135	24	310	398
224	221	<u>215</u>	<u>25</u>	310	457
225	189	135	32	282	457
226	189	152	32	282	476
227	221	135	32	310	476
228	189	135	24	282	398
229	236	135	24	<u>267</u>	457
230	236	<u>135</u>	24	282	<u>398</u>
231	<u>189</u>	<u>135</u>	32	<u> 267</u>	<u>457</u>
232	<u>189</u>	<u>169</u>	<u>27</u>	<u> 267</u>	<u>476</u>
233	<u>189</u>	<u>135</u>	<u>32</u>	<u>282</u>	<u>398</u>
234	<u>236</u>	<u>135</u>	<u>24</u>	<u> 267</u>	<u>398</u>
235	<u>189</u>	<u>135</u>	<u>27</u>	<u> 267</u>	<u>398</u>
236	<u>221</u>	<u>135</u>	<u>32</u>	<u>310</u>	<u>457</u>
237	<u>189</u>	<u>135</u>	<u>27</u>	<u>216</u>	<u>457</u>
238	224	<u>146</u>	<u>19</u>	<u>253</u>	<u>398</u>
239	<u>224</u>	<u>146</u>	<u>19</u>	<u>253</u>	<u>457</u>
240	<u>192</u>	<u>146</u>	<u>19</u>	<u>205</u>	<u>398</u>

Effective: 04/30/12 New



### **AUTO BASE RATES**

Touritour	BI \$400/200	PD	MED ¢5,000	COMP	COLL
Territory	\$100/300	\$50,000	\$5,000		
241	<u>192</u>	<u>135</u>	<u>19</u>	<u>253</u>	<u>398</u>
242	<u>236</u>	<u>135</u>	<u>19</u>	<u>267</u>	<u>398</u>
243	<u>192</u>	<u>135</u>	<u>19</u>	<u>253</u>	<u>457</u>
244	<u>192</u>	<u>146</u>	<u>19</u>	<u>253</u>	<u>398</u>
245	<u>192</u>	<u>146</u>	<u>19</u>	<u>253</u>	<u>457</u>
246	<u>192</u>	<u>162</u>	<u>24</u>	<u>160</u>	<u>439</u>
247	<u>192</u>	<u>162</u>	<u>24</u>	<u>178</u>	<u>439</u>
248	<u>192</u>	<u>152</u>	<u>24</u>	<u>178</u>	<u>439</u>
249	<u>192</u>	<u>151</u>	<u>24</u>	<u>160</u>	<u>439</u>
250	<u>192</u>	<u>151</u>	<u>24</u>	<u>178</u>	<u>439</u>
251	<u>192</u>	<u>146</u>	<u>25</u>	<u>160</u>	<u>462</u>
252	<u>192</u>	<u>151</u>	<u>19</u>	<u>205</u>	<u>398</u>
253	<u>192</u>	<u>146</u>	<u>24</u>	<u>160</u>	<u>398</u>
254	<u>192</u>	<u>146</u>	<u>19</u>	<u>205</u>	<u>439</u>
255	<u>192</u>	<u>135</u>	<u>19</u>	<u>205</u>	<u>398</u>
256	<u>192</u>	<u>152</u>	<u>24</u>	<u>205</u>	<u>439</u>
257	<u>192</u>	<u>152</u>	<u>24</u>	<u>160</u>	<u>439</u>
258	<u>192</u>	<u>171</u>	<u>25</u>	<u>216</u>	<u>462</u>
259	<u>236</u>	<u>169</u>	<u>26</u>	<u>216</u>	<u>457</u>
260	<u>192</u>	<u>146</u>	<u>25</u>	<u>205</u>	<u>398</u>
261	<u>236</u>	<u>169</u>	<u>26</u>	<u>244</u>	<u>583</u>
262	<u>192</u>	<u>169</u>	<u>26</u>	<u> 267</u>	<u>457</u>
263	<u>192</u>	<u>146</u>	<u>26</u>	<u>216</u>	<u>457</u>
264	<u>283</u>	<u>169</u>	<u>26</u>	<u>244</u>	<u>583</u>
265	<u>236</u>	<u>169</u>	<u>26</u>	<u>267</u>	<u>457</u>
266	<u>224</u>	<u>162</u>	<u>25</u>	<u>205</u>	<u>398</u>
267	<u>192</u>	<u>162</u>	<u>25</u>	<u>205</u>	<u>398</u>
268	<u>236</u>	<u>146</u>	<u>26</u>	<u>216</u>	<u>457</u>
269	<u>192</u>	<u>162</u>	<u>24</u>	<u>205</u>	<u>398</u>
270	<u>192</u>	<u>162</u>	<u>24</u>	<u>253</u>	<u>439</u>
271	<u>236</u>	<u>146</u>	<u>26</u>	244	<u>457</u>
272	<u>236</u>	<u>171</u>	<u>26</u>	216	<u>457</u>
273	<u>192</u>	<u>171</u>	<u>19</u>	216	<u>398</u>
274	224	<u>162</u>	<u>24</u>	<u>205</u>	439
275	<u>236</u>	146	19	216	398
276	192	162	<u>25</u>	<u>205</u>	439
277	224	<u>162</u>	<u>25</u>	<u>205</u>	<u>439</u>

### **FIXED EXPENSE PREMIUMS**

BI	PD	MED	COMP	COLL
\$16	\$11		35	\$11

Effective: 04/30/12 New



### ARKANSAS ENCOMPASS INDEMNITY COMPANY MOTOR VEHICLE RATE PAGES

### COMPREHENSIVE DEDUCTIBLES BY SYMBOL & MODEL YEAR FACTORS

		PRIC	COMPR E GROUP S	EHENSIVE SYMBOL F		
PGS	\$100	<b>\$150</b>	\$250	\$500	\$1,000	\$2,500
M	0.21	0.18	0.13	0.09	0.07	0.05
0	0.29	0.25	0.19	0.14	0.11	0.09
S	0.42	0.36	0.29	0.22	0.17	0.13
Т	0.57	0.51	0.44	0.37	0.29	0.23
U	0.75	0.69	0.62	0.54	0.41	0.31
V	0.92	0.85	0.77	0.66	0.50	0.38
W	1.08	1.00	0.92	0.79	0.59	0.44
N	1.24	1.14	1.04	0.90	0.68	0.51
Р	1.39	1.29	1.17	1.02	0.79	0.61
Q	1.52	1.42	1.30	1.15	0.92	0.74
R	1.66	1.56	1.44	1.29	1.06	0.87
G	1.87	1.76	1.63	1.46	1.22	1.02
I	2.15	2.02	1.89	1.69	1.42	1.19
K	2.48	2.34	2.19	1.97	1.66	1.40
С	3.01	2.85	2.67	2.41	2.05	1.74
D	3.69	3.49	3.27	2.95	2.50	2.12
E	4.29	4.04	3.76	3.37	2.80	2.33
F	5.02	4.72	4.40	3.94	3.27	2.71
Н	5.75	5.40	5.04	4.51	3.74	3.10
J	6.47	6.08	5.67	5.08	4.21	3.49
L	7.20	6.76	6.31	5.65	4.68	3.88

MODEL YEAR	COMP FACTOR
2012	1,262
2011	1.191
2010	1.124
2009	1.060
2008	1.000
2007	0.971
2006	0.943
2005	0.915
2004	0.888
2003	0.863
2002	0.837
200 <u>1</u> & Prior	0.813

Multiply by 6% for each subsequent model years not shown

		PRICI	GROUP S	EHENSIVE SYMBOL FA GLASS							
<u>PGS</u>	\$100	\$150	\$250	\$500	\$1,000	\$2,500					
М	0.24	0.22	0.19	0.14	0.11	0.09					
0	0.32	0.29	0.24	0.20	0.13	0.08					
S	0.46	0.43	0.35	0.29	0.20	0.14					
Т	0.63	0.56	0.47	0.40	0.30	0.23					
U	0.80	0.73	0.62	0.53	0.41	0.32					
V	0.96	0.91	0.79	0.79 0.67 0.53							
W	1.15	1.07	0.95	0.82	0.63	0.48					
N	1.27	1.21	1.09	0.93	0.70	0.53					
Р	1.40	1.34	1.21	1.02	0.77	0.58					
Q	1.43	1.35	1.22	1.04	0.78	0.59					
R	1.48	1.40	1.28	1.07	0.82	0.63					
G	1.61	1.52	1.40	1.21	0.96	0.76					
I	1.79	1.71	1.56	1.39	1.14	0.93					
K	2.06	1.97	1.82	1.62	1.38	1.18					
С	2.56	2.48	2.32	1.99	1.75	1.54					
D	3.32	3.20	2.97	2.60	2.26	1.96					
E	4.12	3.94	3.65	3.25	2.82	2.45					
F	4.82	4.60	4.26	3.80	3.31	2.88					
Н	5.52	5.26	4.88	4.35	3.79	3.30					
J	6.21	5.93	5.50	4.90	4.26	3.70					
L	6.91	6.59	6.11	5.45	4.74	4.12					

Effective: 04/30/12 New



# ARKANSAS ENCOMPASS INDEMNITY COMPANY MOTOR VEHICLE RATE PAGES

### COLLISION DEDUCTIBLES BY SYMBOL & MODEL YEAR FACTORS

		PRICE	COLL GROUP SY		CTORS			
PGS	<u>\$100</u>	\$150	\$250	\$500	\$1,000	\$2,500		
М	0.73	0.68	0.59	0.45	0.24	0.18		
0	0.88	0.83	0.74	0.59	0.37	0.29		
S	1.00	0.95	0.86	0.68	0.47	0.38		
Т	1.10	1.06	0.99	0.78	0.56	0.46		
U	1.27	1.23	1.15	0.94	0.67	0.56		
V	1.40	1.36	1.28	1.06	0.77	0.66		
W	1.51	1.47	1.40	1.17	0.86	0.74		
N	1.63	1.59	1.51	1.27	0.95	0.82		
Р	1.76	1.72	1.63	1.38	1.03	0.90		
Q	1.91	1.85	1.73	1.49	1.12	0.97		
R	2.06	1.99	1.85	1.59	1.21	1.04		
G	2.22	2.14	1.99	1.71	1.33	1.14		
I	2.40	2.32	2.18	1.87	1.51	1.31		
K	2.62	2.54	2.38	2.06	1.68	1.46		
С	2.97	2.88	2.69	2.37	1.91	1.68		
D	3.40	3.28	3.05	2.69	2.12	1.85		
Е	3.55	3.44	3.23	2.79	2.22	1.93		
F	3.96	3.85	3.62	3.13	2.49	2.18		
H	4.38	4.26	4.00	3.46	2.76	2.41		
J	4.81	4.67	4.38	3.79	3.03	2.64		
L	5.23	5.08	4.78	4.14	3.29	2.88		

MODEL YEAR	<u>COLL</u> FACTOR
2012	1.360
2011	1.259
2010	1.166
2009	1.080
2008	1.000
2007	0.935
2006	0.873
2005	0.816
2004	0.763
2003	0.713
2002	0.666
200 <u>1</u> & Prior	0.623

Multiply by 8% for each subsequent model years not shown

Effective: 04/30/12 New



### OTHER AUTO RATING FACTORS

			FACTOR							
RATING PLAN	RULE	ВІ	PD	MED	СОМР	COLL				
COVERAGE OPTION - ELITE	3J	1.11	1.11	1.11	1.11	1.11				
COVERAGE OPTION - DELUXE	3J	1.03	1.03	1.03	1.03	1.03				
COVERAGE OPTION - SPECIAL	3J	1.00	1.00	1.00	1.00	1.00				
COVERAGE OPTION - SPECIAL VALUE	3J	0.96	0.96	0.96	0.96	0.96				
SAFETY EQUIPMENT DISCOUNTS	9C									
PASSIVE RESTRAINT DISCOUNT	9C(1)			0.70						
ANTI-LOCK BRAKE DISCOUNT	9C(2)	0.95	0.95							
ANTI-THEFT DEVICE DISCOUNT	9B									
Alarm Only / Active Disabling	9B(1)				0.95					
Passive Disabling / Retrieval System	9B(2)				0.85					
VIN Etching	9B(3)				0.95					
COLLEGE GRADUATE SCHOLASTIC ACHIEVEMENT DISCOUNT	3J	0.94	0.94	0.94	0.94	0.94				
DRIVER TRAINING DISCOUNT	4C									
Male	4C	0.95	0.95			0.95				
Female	4C	0.95	0.95			0.95				
GOOD STUDENT DISCOUNT	4D									
Male	4D	0.85	0.85	0.85	0.85	0.85				
Female	4D	0.95	0.95	0.95	0.95	0.95				
RESIDENT STUDENT DISCOUNT	4E									
Male	4E	0.80	0.80			0.80				
Female	4E	0.80	0.80			0.80				
MOTOR VEHICLE ACCIDENT PREVENTION COURSE DISCOUNT	4G	0.90	0.90	0.90		0.90				
ACCIDENT/VIOLATION FREE DISCOUNT	5E	0.95	0.95	0.95		0.95				
ACCIDENT/VIOLATION FREE DISC (Tiers 1-256)	5E	0.95	0.95	0.95	0.95	0.95				
ACCIDENT/VIOLATION FREE DISC (Tiers 257-512)	5E	0.95	0.95	0.95	0.95	0.95				
ACCIDENT/VIOLATION FREE DISC (Tiers 513-768)	5E	0.95	0.95	0.95	0.95	0.95				
ACCIDENT/VIOLATION FREE DISC (Tiers 769-1024)	5E	0.95	0.95	0.95	0.95	0.95				
GOOD PAYER DISCOUNT	9P	0.95	0.95	0.95	0.95	0.95				
FUTURE EFFECTIVE DATE DISCOUNT	9Q									
	1st Year	0.90	0.90	0.90	0.90	0.90				
	2nd Year	0.95	0.95	0.95	0.95	0.95				
	Subsequent	1.00	1.00	1.00	1.00	1.00				
ENCOMPASS EASY PAY PLAN DISCOUNT	9R	0.95	0.95	0.95	0.95	0.95				
HOMEOWNERSHIP DISCOUNT	98	0.95	0.95	0.95	0.95	0.95				
PREFERRED PROTECTION DISCOUNT	9W									
Level 1	9W	0.85 <u>0.75</u>								
Level 2	9W	0.90 <u>0.85</u>	0.90 <u>0.85</u>	0.90 0.85	0.90 0.85	0.90 <u>0.85</u>				
NON-VERIFIABLE DRIVING RECORD SURCHARGE	5F	1.10	1.10	1.10	1.10	1.10				

Effective: 04/30/12 New 05/31/12 Ren



# ARKANSAS ENCOMPASS INDEMNITY COMPANY MOTOR VEHICLE RULES



SECTION: UNIVERSAL SECURITY POLICY PORTFOLIO: ENCOMPASS INDEMNITY COMPANY

**MOTOR VEHICLE RULES** 

EFFECTIVE: April 30, 2012 New

May 31, 2012 Renewal

PAGE NO: 9-6-Arkansas

#### K. Mexico Coverage

For Elite, Deluxe, and Special policies, coverage applies to accidents occurring in Mexico at no additional charge. The Special Value policy provides limited coverage in Mexico within 75 miles of the United States border and only for a period not to exceed ten days after each separate entry. Special Value coverage only applies to automobiles.

### L. Replacement Value Coverage

Replacement value coverage for autos may be purchased on new, previously unregistered autos. This coverage may be continued on renewal policies if the coverage has been inforce continuously since originally purchased, and the auto is not more than four model years older than the current model year. The premium shall be calculated as follows:

Apply a factor of 1.20 to the Comprehensive and Collision Coverage premiums.

**Note:** This coverage not available for leased autos. See Underwriting Guidelines for other vehicles not eligible for this coverage.

#### M. Stated Amount Coverage

Stated Amount Coverage is available for private passenger autos using the rates below. This coverage would be appropriate for older, restored autos whose values are higher than average because of restoration.

Coverage Rate per \$100 of Stated Amount

Comprehensive \$6.54-7.09

Comprehensive \$ 6.54-7.09 Collision 1.95-2.16

For deductibles, apply the appropriate auto deductible by Symbol (M) factors in the rate pages.

Note: This coverage is available for antique autos.

### N. Motor Vehicle Auto Loan and Lease Deficiency Coverage

#### 1. Eligibility

A policy providing both collision and comprehensive coverage may be extended to provide coverage for the difference between the unpaid principal due on a loan/lease financing agreement and the actual cash value of the vehicle, in the event of a total loss, subject to the following:

- This coverage may be provided only to a vehicle that is a private passenger auto, pickup, van or motor home.
- b. The insured must request this coverage within 30 days of the date the vehicle is financed and added to the policy.
- The vehicle must be new, defined as never previously titled under the motor vehicle laws of any state.

**Note:** This coverage is not available when replacement value coverage is also purchased on the vehicle.



SECTION: UNIVERSAL SECURITY POLICY PORTFOLIO: ENCOMPASS INDEMNITY COMPANY MOTOR VEHICLE RULES

**EFFECTIVE:** May 2, 2011 New June 2, 2011 Renewal

PAGE NO: 9-7-Arkansas

#### 2. Rates

- a. Comprehensive Coverage. Apply a factor of .07 to the Comprehensive Coverage premium at the applicable deductible amount.
- Collision Coverage. Apply a factor of .07 to the Collision Coverage premium at the applicable deductible amount.

### O. Accidental Airbag Deployment Coverage

For a premium charge of \$10 per vehicle, coverage is available for the accidental airbag deployment of an air bag. This coverage is available for private passenger autos which carry both Comprehensive and Collision Coverage.

P. Additional Rule--Arkansas Medical Payments Insurance, Work Loss Coverage and Accidental Death Benefit

### 1. Eligibility

Medical Payments Insurance, Work Loss Coverage and Accidental Death Benefit must be afforded under every auto liability policy issued or delivered to the owner of an eligible motor vehicle registered or principally garaged in Arkansas.

If one or more of these coverages is afforded, attach the Personal Injury Protection endorsement to the policy.

### **Exception:**

- The covered person has the right to reject one or more of such coverages in writing and must reject the Statutory Limit of Medical Payments in writing if other limits (see Medical Expenses) are requested.
- Subsequent renewal policies issued by the same insurer need not provide the rejected coverage(s) or limit unless the covered person requests such coverage(s) or limit in writing.

### 2. Coverages and Rates

### A. Medical Payments

- 1. Limits: Statutory Limit per person--\$5,000.
  - (a) A maximum limit of \$5,000 applies to pedestrians who are other than the covered person or a relative.
  - (b) Limits of Personal Auto Medical Expenses Coverage may be purchased only when the covered person has rejected Arkansas the Statutory Medical Payments Coverage Limit of \$5,000 (see General Rules, Rule 3.B).

Refer to the Exception to Eligibility above for rejection procedures.

### 2. Rates:

- (a) Use the base rates for Medical Expenses Insurance.
- (b) The Classifications and SDIP Rules apply.



SECTION: UNIVERSAL SECURITY POLICY PORTFOLIO: ENCOMPASS INDEMNITY COMPANY

**MOTOR VEHICLE RULES** 

EFFECTIVE: April 30, 2012 New

May 31, 2012 Renewal

PAGE NO: 9-8-Arkansas

### B. Work Loss Coverage

- (1). Limits: Maximum per person--
  - (1) For an Income Earner--\$140 per week for 52 weeks.
  - (2) For a Non-Income Earner--\$70 per week for 52 weeks.
- (2). Rates:
  - (a) All Eligible Motor Vehicles
    - Charge \$5 5.38 per car, per year.
    - · The Classification and SDIP Rules do NOT apply.
- C. Accidental Death Benefit
  - (1). Limits: Maximum per person--\$5,000.
  - (2). Rates:
    - (a) All Eligible Motor Vehicles
      - Charge \$3\_3.23 per car, per year.
      - The Classification and SDIP Rules do NOT apply.

#### Q. Good Payer Discount

The Good Payer Discount rating factors on the Motor Vehicle Rate Pages will be applied to the otherwise applicable rates for Split Limit or Single Limit Liability, Medical Expenses, Comprehensive, and Collision coverages for all private passenger autos, vans and pickups on the policy when the policy meets the following eligibility requirements:

- 1. Initial Qualification: All private passenger autos, vans and pickups on the policy, written in Encompass Indemnity Company, will initially qualify for the discount for all policies with an effective date on or after January 25, 2010.
- 2. Subsequent Qualification: The policy will be evaluated prior to each renewal to determine whether the policy qualifies for the discount at such renewal. The discount will be removed from all private passenger autos, vans and pickups on the policy if a cancellation notice for non-payment of vehicle premiums was sent during the most recent prior 12-month period ending 45 days prior to the renewal effective date. Otherwise, the discount will apply to all private passenger autos, pickups and vans on the policy at renewal.

Filing Company: Encompass Indemnity Company State Tracking Number:

Company Tracking Number: ER-1910: RATE/FACTOR REVISION

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: EI PPA

Project Name/Number: Rate/Factor Revision/839870

### **Supporting Document Schedules**

Item Status: Status

Date:

Satisfied - Item: A-1 Private Passenger Auto Filed 01/17/2012

Abstract

Comments: Attachment:

03. ER-1910 StateFilingFormA-1.pdf

Item Status: Status

Date:

Satisfied - Item: APCS-Auto Premium Comparison Filed 01/17/2012

Survey

Comments:

Attachments:

05. ER-1910 StateFilingFormAPCS.pdf05. ER-1910 StateFilingFormAPCS.xls

Item Status: Status

Date:

Satisfied - Item: NAIC loss cost data entry document Filed 01/17/2012

Comments: Attachment:

04. ER-1910 StateFilingFormRF-1.pdf

Item Status: Status

Date:

01/17/2012

Bypassed - Item: NAIC Loss Cost Filing Document Filed

for OTHER than Workers' Comp

Bypass Reason: N/A

**Comments:** 

Item Status: Status

Filing Company: Encompass Indemnity Company State Tracking Number:

Company Tracking Number: ER-1910: RATE/FACTOR REVISION

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: EI PPA

Project Name/Number: Rate/Factor Revision/839870

Date:

Satisfied - Item: Actuarial Support Filed 01/17/2012

Comments:

Attachments:

06. ER-1910 Indication Memo.pdf

07. ER-1910 AR Auto Indication Exhibits.pdf

08. ER-1910 Development of the Underwriting Profit Provision.pdf

09. ER-1910 Attachment A - Territory Revisions.pdf

10. ER-1910 Attachment B - Preferred Protection Discount Revisions.pdf

Item Status: Status

Date:

Satisfied - Item: Objection Response - 1/13/12 Filed 01/17/2012

Comments:

Attachment:

ResponsetoDOIObjection\_1 13 2012.pdf

### PRIVATE PASSENGER AUTOMOBILE ABSTRACT

<u>Instructions:</u> All questions must be answered. If the answer is "none" or "Not applicable", so state. If all questions are not answered, the filing will not be accepted for review by the Department. Use a separate abstract for each company if filing for a group. Subsequent homeowners rate/rule submission that do not alter the information contained herein need not include this form.

	C No	ne <u>Encompass Indemnity Comp</u> 15130	Group No. <u>008</u>	
1.	Are t		ansas in which your company will not write au	tomobile insurance
2.	Do y	ou furnish a market for young drive	ers? Yes	
	Over	age 63 drivers?res		
3.	Do y	ou require collateral business to su	pport a youthful driver risk? Yes	
4.	Do y	ou insure driver with an internation	nal or foreign driver's license? <u>Yes</u>	
5.	Spec	fy the percentage you allow in cre	dit or discounts for the following:	
	a.	Driver Over 55		10%
	b.	Good Student Discount		5-15 %
	c.	Multi-car Discount		See below %
		Rate varies based on	# Operators/#Vehicles/Age of youngest operator	•
	d.	Accident Free Discount*		<u>5</u> %
			total base premiums for BI, PD, CSL, Med, C	
			st be free of chargeable accidents and major vio	lations during the 60
mon	ths immed	liately preceding the policy effecti	ve date.	
	e.	Anti-theft Discount		<u>5-15</u> %
	f.	Other (specify)		%
		Anti-lock Break/Passive Rest	<u>raint</u>	<u>5-30</u> %
				%
			<del></del>	%
6.	Do y	ou have an installment payment pla	an for automobile insurance? Yes	
	If so,	what is the fee for installment pay	ments? For each installment, a \$5 charge shall b	oe added.
7.	Does	you company utilize a tiered rating	g plan? Yes	
8.			lifference. State the current volume for each pro	gram.
			spanded multi-tier rating structure is comprised	
			Limit, Years with Prior Carrier, Current BI Lim	
HE INFORI	MATION	PROVIDED IS CORRECT TO T	HE BEST OF MY KNOWLEDGE AND BELIE	EF.
			Robert Roder	
			Signature	
			Pricing Technician Anal	<u>yst</u>
			Title	
			(847)402-8830	<del></del>
			Telephone Number	

### **Private Passenger Auto Premium Comparision Survey Form**

FORM APCS - last modified August 2005

**NAIC Number:** 008-15130

Company Name: Encompass Indemnity Company
Contact Person: Rebecca Rodey

Telephone No.: 847-402-8830
Email Address: rrode@allstate.com

Effective Date: 4/30/2012

DISCOUNTS OFFERED:
PASSIVE RESTRAINT/AIRBAG
AUTO/HOMEOWNERS
GOOD STUDENT
ANTI-THEFT DEVICE
Over 55 Defensive Driver Discount
\$250/\$500 Deductible Comp./Coll.

30	
5-10	
5-15	
5-15	
10	
Varies by PGS	

### Assumptions to Use:

- 1 Liability -Minimum \$25,000 per person
- 2 Bodily Injury \$50,000 per accident \$25,000 per accident
- 3 Property Damage \$100 deductible per accident
- 4 Comprehensive & Collision \$250 deductible per accident
- 5 The insured has elected to accept:
  Uninsured motorist property and bodily injury equal to liability coverage
  Underinsured bodily injury equal to liability coverage
- 6 Personal Injury Protection of \$5,000 for medical, loss wages according to statute and \$5,000 accidental death
- 7 If male and female rates are different, use the highest of the two

Submit to: Arkansas Insurance Department
1200 West Third Street

Little Rock, AR 72201-1904 **Telephone:** 501-371-2800

Email as an attachment t insurance.pnc@arkansas.gov You may also attach to a SERFF filing or submit on a compact disk

φ230/φ300 Deductible C		by PGS																			
			Fayet	teville			Trur	nann		Little Rock					Lake \	/illage		Pine Bluff			
	Gender	Female	Male	Male or Female	Male or Female	Female	Male	Male or Female	Male or Female	Female	Male	Male or Female	Male or Female	Female	Male	Male or Female	Male or Female	Female	Male	Male or Female	Male or Female
Vehicle	Coverages Age		18	40	66	18	18	40	66	18	18	40	66	18	18	40	66	18	18	40	66
	Minimum Liability	\$593	\$597	\$246	\$232	\$621	\$626	\$253	\$238	\$793	\$800	\$305	\$284	\$653	\$659	\$262	\$246	\$733	\$740	\$286	\$268
1999 Chevrolet Silverado 1500 2WD "LS" regular cab 119" WB	Minimum Liability with Comprehensive and Collision	\$1,645	\$1,723	\$640	\$556	\$2,001	\$2,118	\$789	\$657	\$2,051	\$2,143	\$769	\$670	\$1,978	\$2,086	\$770	\$649	\$1,968	\$2,067	\$754	\$645
	100/300/50 Liability with Comprehensive and Collision	\$1,518	\$1,587	\$631	\$556	\$1,845	\$1,948	\$768	\$648	\$1,890	\$1,971	\$749	\$660	\$1,822	\$1,917	\$750	\$641	\$1,821	\$1,907	\$738	\$639
	Minimum Liability	\$564	\$568	\$237	\$224	\$590	\$595	\$245	\$230	\$712	\$760	\$293	\$274	\$579	\$584	\$253	\$238	\$697	\$703	\$276	\$258
2003 Ford Explorer 'XLT' 2WD, 4 door	Minimum Liability with Comprehensive and Collision	\$1,334	\$1,391	\$528	\$464	\$1,595	\$1,680	\$636	\$538	\$1,633	\$1,743	\$635	\$559	\$1,544	\$1,623	\$625	\$535	\$1,599	\$1,671	\$620	\$537
	100/300/50 Liability with Comprehensive and Collision	\$1,249	\$1,299	\$534	\$477	\$1,488	\$1,564	\$634	\$545	\$1,565	\$1,624	\$633	\$565	\$1,479	\$1,549	\$623	\$541	\$1,499	\$1,563	\$620	\$545
	Minimum Liability	\$490	\$494	\$215	\$204	\$513	\$517	\$221	\$209	\$650	\$656	\$262	\$246	\$539	\$543	\$229	\$216	\$603	\$608	\$248	\$233
2003 Honda Odyssey "EX"	Minimum Liability with Comprehensive and Collision	\$1,358	\$1,423	\$543	\$473	\$1,662	\$1,759	\$670	\$559	\$1,685	\$1,761	\$647	\$565	\$1,638	\$1,728	\$653	\$552	\$1,625	\$1,707	\$638	\$547
	100/300/50 Liability with Comprehensive and Collision	\$1,261	\$1,243	\$545	\$482	\$1,539	\$1,625	\$661	\$561	\$1,560	\$1,627	\$639	\$566	\$1,516	\$1,596	\$645	\$554	\$1,510	\$1,582	\$633	\$551
	Minimum Liability	\$559	\$563	\$235	\$222	\$585	\$590	\$242	\$228	\$744	\$750	\$289	\$271	\$616	\$622	\$251	\$236	\$689	\$695	\$273	\$255
2005 Toyota Camry LE 3.0L 4 door Sedan	Minimum Liability with Comprehensive and Collision	\$1,655	\$1,733	\$640	\$560	\$1,957	\$2,066	\$765	\$645	\$2,069	\$2,162	\$773	\$677	\$1,953	\$2,057	\$745	\$643	\$1,954	\$2,049	\$745	\$642
	100/300/50 Liability with Comprehensive and Collision	\$1,518	\$1,587	\$629	\$557	\$1,793	\$1,890	\$743	\$635	\$1,894	\$1,975	\$748	\$663	\$1,789	\$1,879	\$733	\$633	\$1,796	\$1,880	\$725	\$633
	Minimum Liability	\$540	\$544	\$231	\$218	\$524	\$570	\$237	\$224	\$722	\$728	\$284	\$266	\$593	\$598	\$245	\$231	\$667	\$673	\$268	\$251
2003 Cadillac Seville "STS" 4 door Sedan	Minimum Liability with Comprehensive and Collision	\$2,082	\$2,191	\$798	\$688	\$2,486	\$2,686	\$986	\$815	\$2,581	\$2,710	\$960	\$831	\$2,496	\$2,643	\$962	\$806	\$2,458	\$2,593	\$935	\$793
	100/300/50 Liability with Comprehensive and Collision	\$1,883	\$1,978	\$764	\$667	\$2,289	\$2,429	\$936	\$782	\$2,330	\$2,442	\$908	\$794	\$2,258	\$2,387	\$913	\$773	\$2,230	\$2,348	\$890	\$763
	Minimum Liability	\$593	\$597	\$246	\$232	\$621	\$626	\$253	\$238	\$793	\$800	\$305	\$284	\$653	\$659	\$262	\$246	\$733	\$740	\$286	\$268
1998 Chevrolet Cavalier LS 4D Sedan	Minimum Liability with Comprehensive and Collision	\$1,307	\$1,360	\$514	\$456	\$1,525	\$1,600	\$603	\$517	\$1,653	\$1,717	\$623	\$552	\$1,531	\$1,602	\$598	\$518	\$1,561	\$1,626	\$600	\$524
	100/300/50 Liability with Comprehensive and Collision	\$1,228	\$1,274	\$523	\$470	\$1,428	\$1,495	\$605	\$526	\$1,550	\$1,605	\$623	\$559	\$1,433	\$1,495	\$600	\$527	\$1,468	\$1,526	\$603	\$535

Filing Company: Encompass Indemnity Company State Tracking Number:

Company Tracking Number: ER-1910: RATE/FACTOR REVISION

TOI: 19.0 Personal Auto Sub-TOI: 19.0001 Private Passenger Auto (PPA)

Product Name: EI PPA

Project Name/Number: Rate/Factor Revision/839870

Attachment "05. ER-1910 StateFilingFormAPCS.xls" is not a PDF document and cannot be reproduced here.

### NAIC LOSS COST DATA ENTRY DOCUMENT

1.	Thi	s filing transn	ittal is p	oart of Cor	npany Trackir	ng #		ER-	1910							
	16.60				· ,.	1 (21)										
2.	2. If filing is an adoption of an advisory organization loss cost filing, give name of Advisory Organization and Reference/ Item Filing Number								N/A							
	ſ			Comr	any Name					Comp	any N	NAIC Number				
3.	Α.	ENCOMPASS INDEMNITY COMPANY						B. 008-15130								
<b>J</b> .	Λ.		LITOO	III A00 III	DEMINITI O	JIIII AITI		<u> </u>				000-13130				
	ſ	Product Cod	ing Mat	rix Line of	Business (i.e	., Type of Insu	rance)	Prod	duct Coding I	Matrix Line of Ins	surance (i.e., Sub-type of Insurance)					
4.	Α.	Au	o- Liabi	ility 19.0, <i>A</i>	uto- Physical	Damage 21.0	Í	B.					,			
5.																
J.		(A)								FOR LOSS COST	TS OI	NLY				
				(B)	(C)	(D	(D)		(E)	(F)		(G)		(H)		
(		VERAGE	Indicated % Rate		Requested % Rate		Evacated		Loss Cost	Selected	Expense		_	Co. Current		
(,	(See Instructions)		Level Change		Level Chang		Expected Loss Ratio		Modification Factor	Loss Cost Multiplier	Constant (If Applicable)			oss Cost Multiplier		
Bod	Bodily Injury			2.3%	6.5%		2000 1 (4110		. 4010.	- manupiioi		(,,				
Property Damage			19.1%		6.5%											
Medical Payments				34.0%	7.5%											
Uninsured/Underinsured Collision			25.8% -18.6%		6.0% 0.0%											
Comprehensive			6.1%	0.0%												
	TOTAL OVERALL EFFECT		9.9%		3.0%											
6.		5 Year	History	Ra	te Change Hist	tory					7.					
,	Year	Policy	Count	% of Change	Effective Date	State Earned Premium (000)	Incurre Losses (000)	s	State Loss Ratio	Countrywide Loss Ratio	Expense Constants		Selected Provisions			
- 1	2006 1,73		35 N/A		N/A	` '	2,060 1,093		53.0%	56.8%	A	A. Total Production Expense		14.8%		
2	2007 2,67			N/A	N/A	3,057	1,920			64.7%	B. General Expense			7.8%		
2008 2,89				N/A	3,680	1,919		52.1%	57.7%	C. Taxes, License & Fees		es	3.3%			
2009 2,05				N/A	3,227	2,480		76.9%	68.0%	D	D. Underwriting Profit		Liab: 5.8%			
2010		1,3	05	5 N/A	N/A	2,428	1,184		48.8%	58.9%	10		Phys Dmg: 10.0%			
											E. Other (explain) Debt Provision F. TOTAL		1.4%			
														Liab: 33.1% Phys Dmg: 37.3%		

\_\_\_\_\_\_\_ Estimated Maximum Rate Decrease for any Insured (%) Territory (if applicable): \_\_\_\_\_\_177\_

### Encompass Insurance Group Private Passenger Automobile Arkansas

### **TABLE OF CONTENTS**

- I. Summary of Changes and Summary Exhibits
- II. Auto Statewide Rate Level Indications

Overview of Auto Indication Methodology Adjustments to Premium in Detail Adjustments to Losses in Detail Catastrophe Adjustments in Detail Expense and Profit Provision Support

### **SUMMARY OF CHANGES AND SUMMARY EXHIBITS**

The chart below summarizes the indicated and proposed rate level changes included in this filing.

	Encompass	Encompass	Encompass Indemnity	Encompass Indemnity
	Insurance Group	Insurance Group	Company Written	Company
	Written Premium	<b>Indicated Rate</b>	Premium	<b>Proposed Rate</b>
<u>Coverage</u>	at CRL	<b>Level Change</b>	at CRL	<b>Level Change</b>
Bodily Injury	\$603,270	52.3%	\$425,023	6.5%
Property Damage	392,254	19.1%	270,714	6.5%
Medical Payments	3,501	334.0%	2,111	7.5%
Uninsured/Underinsured Motorist	189,105	25.8%	134,278	6.0%
Liability Subtotal	1,188,130	38.0%	832,126	6.4%
Collision	\$811,458	-18.6%	\$627,834	0.0%
Comprehensive	395,626	-16.1%	300,680	0.0%
Physical Damage Subtotal	1,207,084	-17.8%	928,514	0.0%
Overall	\$2,395,214	9.9%	\$1,760,640	3.0%

The filing contains the following revisions:

### **Rate Factor Revisions**

Encompass Indemnity Company proposes the following revisions to the Private Passenger Automobile program in the state of Arkansas. The overall impact is 3.0% after accounting for the changes described below:

### • Rate Adjustment Factors

With this filing, Encompass is proposing revisions to the Rate Adjustment Factors in order to achieve the desired overall impact for the following: Uninsured/Underinsured Motorists, Personal Umbrella, Miscellaneous Vehicles, and Motor Home. Please refer to the Auto Premium Calculation section of the Motor Vehicle Rate Pages for the revised Rate Adjustment Factors.

### • Auto Base Rates

With this filing, Encompass is proposing revisions to the Base Rates for Bodily Injury, Property Damage, Medical Payments, Comprehensive, and Collision coverages in order to reach the desired overall impact. In addition to achieving overall targets, targeted territorial base rate revisions are being made in select territories as described in **Attachment A**. Please refer to the Base Rates section of the Motor Vehicle Rate Pages for the revised rates.

### • Model Year Factors

With this filing, Encompass is proposing a revision to the Model Year Factors for Comprehensive and Collision Coverages to accommodate the new model year vehicles. Please refer to the Model Year and Symbol Factors section of the Motor Vehicle Rate Pages for the revised factors.

### Encompass Insurance Group Private Passenger Automobile Arkansas

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### Preferred Protection Discount Factors

With this filing, Encompass is proposing a revision to the Preferred Protection Discount factors. Please refer to the Other Auto Rating Factors section of the Motor Vehicle Rate Pages for the revised rates and **Attachment B** for further information on the Preferred Protection Discount. Please refer to **Attachment B**, **Page 5** for Loss Ratio support for the Preferred Protection Discount.

### • Work Loss Coverage Rate

With this filing, Encompass is proposing a revision to the Work Loss Coverage rate in the Motor Vehicle Rules Pages. Please refer to Rule 9 (Miscellaneous Coverages), section P.2.B for the revised rate.

### Accidental Death Benefit Rate

With this filing, Encompass is proposing a revision to the Accidental Death Benefit rate in the Motor Vehicle Rules Pages. Please refer to Rule 9 (Miscellaneous Coverages), section P.2.C for the revised rate.

### • Stated Amount Coverage

With this filing, Encompass is proposing a revision to the Stated Amount Coverages in the Motor Vehicle Rules Pages. Please refer to Rule 9 (Miscellaneous Coverages), section M for the revised rates.

Section II Page 1

#### OVERVIEW OF AUTO INDICATION METHODOLOGY

Exhibits 1-11 of this section show the Determination of Statewide Rate Level Indications for Arkansas. The objective of this process is to determine the indicated rate level need. This is done by evaluating the adequacy of the present rates to pay for Encompass' best estimate of losses and expenses, including a reasonable profit margin, that will be incurred from annual policies written in the year after the proposed effective date.

The statewide rate level indication is based on data from five rolling accident years for Bodily Injury, Property Damage, Medical Payments, Uninsured/Underinsured Motorist, Comprehensive and Collision with losses ending March 31, 2011, evaluated as of June 30, 2011.

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#### Experience Year Weights

In order to develop a credible measure of the indicated rate level, it is sometimes necessary to use more than one year of historical loss experience. Data for up to five experience years is combined to determine the indicated provision for loss and loss adjustment expense for each coverage. The number of years needed to determine the rate level indication for each coverage is derived from a credibility procedure based upon the number of paid claims and the distribution of claims for each coverage. This method also allows us to determine the weight to apply to each year of experience. The credibility procedure that was used is more fully described in the paper "On the Credibility of the Pure Premium" (Proceedings of the Casualty Actuarial Society, Vol. LV, 1968) by Mayerson, Jones and Bowers. The analysis for each coverage was completed using a k value of 0.10 and a P value of 90.0%; these parameters reflect the desire that the observed pure premium should be within 100k% of the expected pure premium with probability P.

The weights applied to the loss experience for the experience years are determined for each coverage by the distribution of earned exposures over those years. The weights are based on the exposure distribution rather than the claim distribution in order to lessen the impact of volatility that can occur in the claim distribution. The initial calculated weight for a given year is limited to the weight for the subsequent year and the final weights are calculated proportionate to the limited weights to total 100%. Please refer to **Exhibit 4** for the experience year weights shown by coverage.

#### ADJUSTMENTS TO PREMIUMS

#### **Current Rate Level Factors**

Encompass uses an updated methodology that assumes that exposures are written uniformly by quarter, using a procedure described in a discussion by Frank Karlinski of the paper entitled "A Refined Model for Premium Adjustment", by David Miller and George Davis. (Mr. Karlinski's discussion appeared in the Proceedings of the Casualty Actuarial Society (PCAS), Vol. LXIV, 1977, and the paper by Miller and Davis appeared in the PCAS, Vol LXIII, 1976). This method (which is referred to as "Miller-Davis-Karlinski") more accurately calculates factors to current rate level in instances when exposures are changing throughout the year, whether through growth, shrinkage or seasonality. (When exposures are, in fact, written uniformly throughout the year, this method produces approximately the same answers as the parallelogram method.)

#### **Premium Trend Factors**

In addition to bringing premiums to current rate level, changes in the average written premium at the current rate level were reviewed. Unlike losses, premium is relatively stable. As the statewide rate level indication is developed using a Pure Premium methodology, only the latest year of premium is used as a basis for determining the indicated rate level change, which eliminates the need for historical annual premium trends. Prospective annual premium trends are still selected to account for expected shifts in the distribution of various rating characteristics such as driver classification, increased limits, model year and price group symbols (PGS). Since the effects on losses caused by these shifts are reflected in the loss projections, it is important that Encompass also account for the anticipated future changes in premiums. These selections are used to project the data from the average earned date of the experience period to the average earned date of the future policy period. Selected annual premium trends and overall premium trend factors for all coverages are shown in **Exhibit 5.A**. Encompass Insurance Group trend data is included as **Exhibit 5.B** to this attachment, with the exception of Medical Payments. Bodily Injury trends were used to select the trends for Medical Payments.

#### ADJUSTMENTS TO LOSSES

#### Loss Development

The losses for a given accident year may not have been fully determined at the evaluation date of this review. As such, the losses must be adjusted to an ultimate settlement basis. This is accomplished by analyzing historical patterns of incurred loss development for liability coverage and paid loss development for physical damage coverages and selecting loss development factors. Countrywide data has been considered in the selection of the loss development factors, with the exception of Collision, which considered Encompass Group data. Losses used in the analysis include allocated loss adjustment expenses but exclude catastrophes in order to minimize distortions. Age-to-age factors are selected for each coverage using total limits losses and are then used to calculate loss development factors. Additional analysis of losses limited to \$100,000 per claim is performed to develop limited losses to ultimate for Bodily Injury coverage and Uninsured/Underinsured Motorist coverage. The selected loss development factors that have been used in this filing are shown in **Exhibit 6.** 

#### **Excess Loss Provision**

An excess loss provision is included to account for the expected exposure to large, fortuitous losses. Total ultimate losses for Bodily Injury coverage and Uninsured/Underinsured Motorist coverage are estimated by multiplying losses capped at \$100,000 per claim by a limited loss development factor and then by an excess loss factor. Encompass Group data has been considered in the selection of the excess loss provision. The excess loss factor is the selected ratio of ultimate unlimited losses to ultimate limited losses. The selected excess loss factors used in this filing are shown in **Exhibit 7**.

#### Loss Trend

The historical losses from the experience period are adjusted to account for expected differences in historical and future cost levels. While loss development factors adjust losses and allocated loss adjustment expenses (ALAE) to an ultimate settlement basis, they do not reflect the prospective rate of change in the occurrence of accidents (frequency) or in the cost of accidents (severity). To properly adjust historical costs to future cost levels, a loss trend adjustment is applied. The credibility level of Encompass loss trend data was analyzed by coverage based on the number of claims paid in the latest experience year.

Frequency and severity amounts are calculated using the methodology in "The Effect of Changing Exposure Levels on Calendar Year Loss Trends" (Casualty Actuarial Society Forum, Winter 2005) by Chris Styrsky. This methodology helps to more consistently match losses and claims paid with the exposures that produced the claims.

For each coverage, the annual selections are used to project the data from the average occurrence date of the experience period to the average occurrence date of the future policy period. These selected trends are displayed in **Exhibit 8.A.** The calculations of loss trend factors are also shown in **Exhibit 8.A.** Encompass Insurance Group trend data is included in **Exhibit 8.B.** Please note that Encompass has selected trend and projection factors separately for each coverage, with the exception of Medical Payments and Uninsured/Underinsured Motorist. Bodily Injury trends were used to select the trends for Medical Payments and Uninsured/Underinsured Motorist.

#### Loss Adjustment Expenses

Losses in the experience period for each coverage have been adjusted to account for unallocated loss adjustment expenses (ULAE). A provision is developed using countrywide Encompass Insurance Group data. In previous filings, expense data was allocated to line of business, as is done in the Insurance Expense Exhibit, to determine the ULAE provisions by line. Encompass will no longer rely on the accounting allocation of ULAE to line of business, and will determine the ULAE provision using data in combined-lines form.

A three-year average of the ratios of countrywide, combined-lines, calendar year ULAE to countrywide, combined-lines, calendar year incurred losses is used to determine the ULAE provision. The average ratio is then applied to the losses for each coverage for each year used in the formula calculation. The ULAE ratio that has been used in this filing is shown in **Exhibit 10.1**.

Allocated loss adjustment expenses are included in both incurred losses and paid losses.

#### **CATASTROPHE ADJUSTMENTS**

In order to more appropriately account for catastrophes with Comprehensive coverage, all actual catastrophe losses during the experience period were removed in developing the Non-Cat Indicated Provision for Loss and LAE. A Catastrophe Indicated Provision for Loss and LAE, derived from a catastrophe loss provision based upon 23 years of data in Arkansas, is added to the Credibility Weighted Non-Cat Indicated Provision for Loss and LAE to arrive at the Total Indicated Provision for Loss and LAE, as shown in **Exhibit 2.A.6**. This catastrophe loss provision was calculated by dividing total catastrophe losses by total Comprehensive coverage incurred losses excluding catastrophes over the 23-year period. As developed in **Exhibit 9**, the resulting catastrophe provision is **15.4%**.

#### **EXPENSES & PROFITS**

**Exhibit 10.1** shows the expense provisions used in developing the current fixed and variable expense provisions.

#### General and Other Acquisition Expense

The provisions for general expense and other acquisition expense are based on countrywide data, excluding involuntary business. Since the methods and procedures that incur these expenses are uniform within each state, it is a reasonable assumption that these expense provisions are uniform across all states. To develop the provision for other acquisition and general expenses, a three-year average of countrywide calendar year incurred expense divided by countrywide calendar year direct earned premium was calculated.

In previous filings, expense data was allocated to line of business, as is done in the Insurance Expense Exhibit, to determine the general and other acquisition expense provisions by line. Encompass will no longer rely on the accounting allocation of general and other acquisition expenses to line of business, and will determine the general and other acquisition expense provisions using data in combined-lines form. However, line-specific adjustments to other acquisition expenses continue to be made, such as the reduction by the amount of installment fees collected and the adjustment for premiums written off.

In developing the dollar provision for general and other acquisition expenses used in the calculation of the rate level need by coverage, the three-year countrywide average expense ratio for general and other acquisition expenses is applied to the average earned premium of Arkansas. The average earned premium is developed using the same three-year period used in the calculation of the countrywide expense ratio. The provision is then adjusted for inflation expected to occur from the midpoint of the three years used in the calculation of the average earned premium to the average earned date of the proposed policy period to derive the provision included in the rate level indication.

#### Trend (Inflation)

The method used to calculate the fixed expense trend is similar to the method used by the Insurance Services Office (I.S.O.) and other competitors to determine a fixed expense trend. The method utilizes the CPI (Consumer Price Index) and the ECI (Employment Cost Index – Insurance Carriers, Agents, Brokers, & Service) and is discussed by Geoffrey Todd Werner, FCAS, MAAA in his paper <u>Incorporation of Fixed Expenses</u>, which was published in the *CAS Forum* (Winter 2004). Based on a review of the historical indices, an annual percentage change is selected for each index. These selected annual percent changes are then weighted together using the distribution of the Allstate expenditures in the latest calendar year for the two broad expense categories that these indices represent. This method is expected to produce stable and reasonable estimates of the true trend in fixed expenses and is consistent with the Current Practices and Alternatives detailed in Section 4 of Actuarial Standard of Practice No. 13, *Trending Procedures in Property/Casualty Insurance Ratemaking*. This trend is applied only to general and other acquisition expenses. **Exhibit 10.2** shows the derivation of the Factor to Adjust for Subsequent Change in Fixed Expense.

#### Licenses and Fees

A provision for licenses and fees that do not vary by premium size is determined by taking the arithmetic average ratio of these licenses and fees from the latest three calendar years in Arkansas. The provision for licenses and fees is considered, along with the general and other acquisition expense provisions, to be a

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fixed expense.

#### Commission and Brokerage Expense and Taxes

The proposed commission and brokerage expense provision has been developed from the actual calendar year 2010 commission and brokerage incurred expense ratio in Arkansas. The provision for taxes reflects the actual state premium tax and, where applicable, other premium-related taxes such as Fire Marshall taxes and Municipal taxes. The provisions are shown in **Exhibit 11**.

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#### <u>Underwriting Profit Provision</u>

Encompass performs two separate cost of capital analyses in the estimation of its cost of equity. The first uses the Fama-French Three-factor Model (FF3F), which reflects developments in the field of financial economics as published in the Casualty Actuarial Society Forum, Winter, 2004 and in Journal of Risk and Insurance, Vol. 72, No. 3, September 2005 ("Estimating the Cost of Equity Capital For Property-Liability Insurers" by J. David Cummins and Richard D. Phillips). The second is a Discounted Cash Flow (DCF) analysis, which estimates the expected future cash flows to investors in order to gauge the proper cost of equity. Once both the DCF and FF3F estimates had been calculated, Encompass selected a cost of equity of 10.0%, which reflected the outcomes of both analyses.

An analysis of premium, loss and expense cash flows is used to calculate the investment income on policyholder supplied funds (PHSF). This methodology is one of the two examples given in Actuarial Standard of Practice, No. 30 as appropriate methods for recognizing investment income from insurance operations (page 4).

The calculations detailing this investment income analysis are found in **Exhibit 11** for liability and physical damage coverages, respectively. The rate (applied as a force of interest) used to discount losses and expenses includes anticipated net investment income and anticipated capital gains, both realized and unrealized. Operating cash flows are discounted to the average time of earnings of premium and profit for the policy year, rather than to the start of the policy year.

Please refer to the attached documented titled "The Development of the Underwriting Profit Provision" for more information.

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### Summary of Changes

TOTAL AUTOMOBILE	2,395,214	9.9%	1,760,640	3.0%
<b>Physical Damage Subtotal</b>	1,207,084	-17.8%	928,514	0.0%
Comprehensive	395,626	-16.1%	300,680	0.0%
Collision	\$811,458	-18.6%	\$627,834	0.0%
Liability Subtotal	1,188,130	38.0%	832,126	6.4%
Uninsured / Underinsured Motorist	189,105	25.8%	134,278	6.0%
Medical Payments	3,501	334.0%	2,111	7.5%
Property Damage	392,254	19.1%	270,714	6.5%
Bodily Injury	\$603,270	52.3%	\$425,023	6.5%
Coverage	At CRL	Indicated	At CRL	Company Filed
	Premium	Insurance Group	Premium	Indemnity
	GroupWritten	Encompass	Company Written	Encompass
	Insurance		Indemnity	
	Encompass		Encompass	

## <u>Development of Statewide Rate Level Indication - Bodily Injury</u>

1)	Current Fixed Expense Ratio	9.0 %
	(Exhibit 10.1)	
2)	Three Year Average Earned Premium	\$184.57
3)	Current Dollar Provision for Fixed Expense	\$16.61
	$= [(1) \times (2)]$	
4)	Factor to Adjust for Subsequent Change in Fixed Expense	1.068
	(Exhibit 10.2)	
5)	Indicated Provision for Fixed Expense	\$17.74
	$= [(3) \times (4)]$	
6)	Variable Expense and Profit Ratio	24.1 %
	( Exhibit 11.1 )	
7)	Indicated Provision for Loss and LAE	\$199.38
	(Exhibit 4.1)	
8)	Indicated Average Premium	\$286.06
	= [ (7) + (5) ] / [ 1 - (6) ]	
9)	Projected Average Earned Premium at Current Rates	\$187.83
	(Exhibit 3.1)	
10)	Indicated Rate Level Change	52.3 %
	= [ (8) / (9) -1 ]	

## <u>Development of Statewide Rate Level Indication - Property Damage</u>

1)	Current Fixed Expense Ratio	9.0 %
	(Exhibit 10.1)	
2)	Three Year Average Earned Premium	\$124.90
		<b>011.01</b>
3)	Current Dollar Provision for Fixed Expense	\$11.24
	$= [(1) \times (2)]$	
4)	Factor to Adjust for Subsequent Change in Fixed Expense	1.068
	(Exhibit 10.2)	
5)	Indicated Provision for Fixed Expense	\$12.00
	$= [(3) \times (4)]$	
6)	Variable Expense and Profit Ratio	24.1 %
	( Exhibit 11.1 )	
7)	Indicated Provision for Loss and LAE	\$97.18
	(Exhibit 4.2)	
8)	Indicated Average Premium	\$143.85
	= [ (7) + (5) ] / [ 1 - (6) ]	
9)	Projected Average Earned Premium at Current Rates	\$120.82
	(Exhibit 3.2)	
10)	Indicated Rate Level Change	19.1 %
	= [ (8) / (9) -1 ]	

## Development of Statewide Rate Level Indication - Medical Payments

1)	Current Fixed Expense Ratio	9.0 %
	( Exhibit 10.1 )	
2)	Three Year Average Earned Premium	\$13.19
3)	Current Dollar Provision for Fixed Expense	\$1.19
	$= [(1) \times (2)]$	
4)	Factor to Adjust for Subsequent Change in Fixed Expense	1.068
	( Exhibit 10.2 )	
5)	Indicated Provision for Fixed Expense	\$1.27
	$= [(3) \times (4)]$	
6)	Variable Expense and Profit Ratio	24.1 %
	( Exhibit 11.1 )	
7)	Indicated Provision for Loss and LAE	\$41.85
	(Exhibit 4.3)	
8)	Indicated Average Premium	\$56.81
	= [ (7) + (5) ] / [ 1 - (6) ]	
9)	Projected Average Earned Premium at Current Rates	\$13.09
	( Exhibit 3.2 )	
10)	Indicated Rate Level Change	334.0 %
	= [ (8) / (9) -1 ]	

## Development of Statewide Rate Level Indication - Uninsured/Underinsured Motorist

1)	Current Fixed Expense Ratio	9.0 %
	( Exhibit 10.1 )	
2)	Three Year Average Earned Premium	\$56.49
3)	Current Dollar Provision for Fixed Expense	\$5.08
	$= [(1) \times (2)]$	
4)	Factor to Adjust for Subsequent Change in Fixed Expense	1.068
	(Exhibit 10.2)	
5)	Indicated Provision for Fixed Expense	\$5.43
	$= [(3) \times (4)]$	
6)	Variable Expense and Profit Ratio	24.1 %
	( Exhibit 11.1 )	
7)	Indicated Provision for Loss and LAE	\$50.27
	(Exhibit 4.4)	
8)	Indicated Average Premium	\$73.39
	= [ (7) + (5) ] / [ 1 - (6) ]	
9)	Projected Average Earned Premium at Current Rates	\$58.32
	(Exhibit 3.2)	
10)	Indicated Rate Level Change	25.8 %
	= [ (8) / (9) -1 ]	

## <u>Development of Statewide Rate Level Indication - Collision</u>

1)	Current Fixed Expense Ratio	9.0 %
	( Exhibit 10.1 )	
2)	Three Year Average Earned Premium	\$353.58
3)	Current Dollar Provision for Fixed Expense	\$31.82
	$= [(1) \times (2)]$	
4)	Factor to Adjust for Subsequent Change in Fixed Expense	1.068
	(Exhibit 10.2)	
5)	Indicated Provision for Fixed Expense	\$33.98
	$= [(3) \times (4)]$	
6)	Variable Expense and Profit Ratio	28.3 %
	(Exhibit 11.2)	
7)	Indicated Provision for Loss and LAE	\$173.42
	(Exhibit 4.5)	
8)	Indicated Average Premium	\$289.26
	= [ (7) + (5) ] / [ 1 - (6) ]	
9)	Projected Average Earned Premium at Current Rates	\$355.19
	(Exhibit 3.5)	
10)	Indicated Rate Level Change	-18.6 %
	= [ (8) / (9) -1 ]	

## <u>Development of Statewide Rate Level Indication - Comprehensive</u>

1)	Current Fixed Expense Ratio	9.0 %
	( Exhibit 10.1 )	
2)	Three Year Average Earned Premium	\$179.89
3)	Current Dollar Provision for Fixed Expense	\$16.19
	$= [(1) \times (2)]$	
4)	Factor to Adjust for Subsequent Change in Fixed Expense	1.068
	( Exhibit 10.2 )	
5)	Indicated Provision for Fixed Expense	\$17.29
	$= [(3) \times (4)]$	
6)	Variable Expense and Profit Ratio	28.3 %
	( Exhibit 11.2 )	
7)	Indicated Provision for Loss and LAE	\$85.86
	(Exhibit 4.6)	
8)	Indicated Average Premium	\$143.86
	= [ (7) + (5) ] / [ 1 - (6) ]	
9)	Projected Average Earned Premium at Current Rates	\$171.38
	(Exhibit 3.6)	
10)	Indicated Rate Level Change	-16.1 %
	= [ (8) / (9) -1 ]	

#### Development of Projected Average Earned Premium at Current Rates - Bodily Injury

	(1)	(2)	(3) (Exhibit 5.A)	$(4)$ $= (2) \mathbf{x} (3)$	(5) = (4) / (1)	(6)
				Projected	Projected	
		Earned	Factor to Adjust	Earned	Average	Experience
Fiscal Year	Earned	Premium at	to Projected	Premium at	Earned Premium	Year
<b>Ending</b>	<u>Exposures</u>	Current Rates	Premium Level	Current Rates	at Current Rates	<u>Weights</u>
3/31/2011	3,985	\$748,511	1.000	\$748,511	\$187.83	100 %

(7) Projected Average Earned Premium At Current Rates

\$187.83

#### Development of Projected Average Earned Premium at Current Rates - Property Damage

	(1)	(2)	(3) (Exhibit 5.A)	$(4)$ $= (2) \mathbf{x} (3)$	(5) = (4) / (1)	(6)
				Projected	Projected	
		Earned	Factor to Adjust	Earned	Average	Experience
Fiscal Year	Earned	Premium at	to Projected	Premium at	Earned Premium	Year
<u>Ending</u>	<u>Exposures</u>	Current Rates	Premium Level	Current Rates	at Current Rates	Weights
3/31/2011	3,985	\$494,334	0.974	\$481,481	\$120.82	100 %

(7) Projected Average Earned Premium At Current Rates

\$120.82

#### Development of Projected Average Earned Premium at Current Rates - Medical Payments

	(1)	(2)	(3) (Exhibit 5.A)	$(4)$ $= (2) \mathbf{x} (3)$	(5) = (4) / (1)	(6)
				Projected	Projected	
		Earned	Factor to Adjust	Earned	Average	Experience
Fiscal Year	Earned	Premium at	to Projected	Premium at	Earned Premium	Year
<b>Ending</b>	<b>Exposures</b>	Current Rates	Premium Level	Current Rates	at Current Rates	Weights
3/31/2011	323	\$4,228	1.000	\$4,228	\$13.09	100 %

(7) Projected Average Earned Premium At Current Rates

\$13.09

#### Development of Projected Average Earned Premium at Current Rates - Uninsured/Underinsured Motorist

	(1)	(2)	(3) (Exhibit 5.A)	$(4)$ $= (2) \times (3)$	(5) = (4) / (1)	(6)
				Projected	Projected	
		Earned	Factor to Adjust	Earned	Average	Experience
Fiscal Year	Earned	Premium at	to Projected	Premium at	Earned Premium	Year
<b>Ending</b>	<u>Exposures</u>	Current Rates	Premium Level	Current Rates	at Current Rates	Weights
3/31/2011	3,985	\$232,397	1.000	\$232,397	\$58.32	100 %

(7) Projected Average Earned Premium At Current Rates

\$58.32

#### Development of Projected Average Earned Premium at Current Rates - Collision

	(1)	(2)	(3) (Exhibit 5.A)	$(4)$ $= (2) \times (3)$	(5) = (4) / (1)	(6)
				Projected	Projected	
		Earned	Factor to Adjust	Earned	Average	Experience
Fiscal Year	Earned	Premium at	to Projected	Premium at	Earned Premium	Year
Ending	<b>Exposures</b>	Current Rates	Premium Level	Current Rates	at Current Rates	Weights
3/31/2011	2,840	\$1,008,733	1.000	\$1,008,733	\$355.19	100 %

(7) Projected Average Earned Premium At Current Rates

\$355.19

#### <u>Development of Projected Average Earned Premium at Current Rates - Comprehensive</u>

	(1)	(2)	(3) (Exhibit 5.A)	$(4)$ $= (2) \mathbf{x} (3)$	(5) = (4) / (1)	(6)
Fiscal Year Ending	Earned <u>Exposures</u>	Earned Premium at <u>Current Rates</u>	Factor to Adjust to Projected <u>Premium Level</u>	Projected Earned Premium at Current Rates	Projected Average Earned Premium at Current Rates	Experience Year <u>Weights</u>
3/31/2011	2,898	\$509,924	0.974	\$496,666	\$171.38	100 %

(7) Projected Average Earned Premium At Current Rates

\$171.38

### Development of Provision for Loss and LAE - Bodily Injury

	(1)	(2)	(3)	(4) Exhibit 7	(5) ( Exhibit 8.A )	(6) = (3) $\mathbf{x}$ (4) $\mathbf{x}$ (5)	(7) = (6) / (1)	(8)
Fiscal Year Ending	Earned <u>Exposures</u>	Developed Limited Ex-Cat Losses and ALAE	Developed Limited Ex-Cat Losses and LAE	Excess Loss <u>Provision</u>	Factor to Adjust Losses for Pure <u>Premium Trend</u>	Projected Ultimate Loss and LAE	Projected Average <u>Loss and LAE</u>	Experience Year <u>Weights</u>
3/31/2007	5,901	\$754,549	\$857,168	1.22	1.000	\$1,045,745	\$177.22	20 %
3/31/2008	6,439	848,066	963,403	1.22	1.000	\$1,175,352	\$182.54	20
3/31/2009	6,671	849,716	965,277	1.22	1.000	\$1,177,638	\$176.53	20
3/31/2010	5,446	885,218	1,005,608	1.22	1.000	\$1,226,842	\$225.27	20
3/31/2011	3,985	676,779	768,821	1.22	1.000	\$937,962	\$235.37	20
		(9) Indicated Provision	n for Loss and LAE				\$199.38	

### Development of Provision for Loss and LAE - Property Damage

	(1)	(2)	(3)	(4) ( Exhibit 8.A )	$(5)$ $= (3) \times (4)$	(6) = (5) / (1)	(7)
Fiscal Year <u>Ending</u>	Earned <u>Exposures</u>	Developed Ex-Cat Losses and ALAE	Developed Ex-Cat Losses and LAE	Factor to Adjust Losses for Pure <u>Premium Trend</u>	Projected Ultimate Loss and LAE	Projected Average Loss and LAE	Experience Year <u>Weights</u>
3/31/2007	5,901	\$467,010	\$530,523	1.069	\$567,129	\$96.11	20 %
3/31/2008	6,439	464,037	527,146	1.058	557,720	86.62	20
3/31/2009	6,671	418,352	475,248	1.048	498,060	74.66	20
3/31/2010	5,446	526,956	598,622	1.037	620,771	113.99	20
3/31/2011	3,985	391,187	444,388	1.027	456,386	114.53	20
		(8) Indicated Provision	n for Loss and LAE			\$97.18	

### <u>Development of Provision for Loss and LAE - Medical Payments</u>

	(1)	(2)	(3)	(4) ( Exhibit 8.A )	$(5)$ $= (3) \mathbf{x} (4)$	(6) = (5) / (1)	(7)
Fiscal Year Ending	Earned <u>Exposures</u>	Developed Ex-Cat Losses and ALAE	Developed Ex-Cat Losses and LAE	Factor to Adjust Losses for Pure Premium Trend	Projected Ultimate Loss and LAE	Projected Average Loss and LAE	Experience Year <u>Weights</u>
3/31/2007	573	\$2,599	\$2,952	1.000	\$2,952	\$5.15	20 %
3/31/2008	551	8,804	10,001	1.000	10,001	18.15	20
3/31/2009	523	64,105	72,823	1.000	72,823	139.24	20
3/31/2010	421	10,629	12,075	1.000	12,075	28.68	20
3/31/2011	323	5,130	5,828	1.000	5,828	18.04	20
		(8) Indicated Provision	n for Loss and LAE			\$41.85	

### <u>Development of Provision for Loss and LAE - Uninsured / Underinsured Motorist</u>

	(1)	(2)	(3)	(4) Exhibit 7	(5) ( Exhibit 8.A )	(6) = (3) $\mathbf{x}$ (4) $\mathbf{x}$ (5)	(7) = (6) / (1)	(8)
Fiscal Year Ending	Earned Exposures	Developed Limited Ex-Cat Losses and ALAE	Developed Limited Ex-Cat Losses and LAE	Excess Loss Provision	Factor to Adjust Losses for Pure <u>Premium Trend</u>	Projected Ultimate Loss and LAE	Projected Average Loss and LAE	Experience Year <u>Weights</u>
3/31/2007	5,901	\$83,671	\$95,050	1.11	1.000	\$105,506	\$17.88	20 %
3/31/2008	6,439	316,280	359,294	1.11	1.000	\$398,816	\$61.94	20
3/31/2009	6,671	383,223	435,341	1.11	1.000	\$483,229	\$72.44	20
3/31/2010	5,446	270,687	307,500	1.11	1.000	\$341,325	\$62.67	20
3/31/2011	3,985	115,122	130,779	1.11	1.000	\$145,165	\$36.43	20
		(0) - 11					4-0	

(9) Indicated Provision for Loss and LAE

\$50.27

### Development of Provision for Loss and LAE - Collision

	(1)	(2)	(3)	(4) ( Exhibit 8.A )	$(5)$ $= (3) \mathbf{x} (4)$	(6) = (5) / (1)	(7)
Fiscal Year Ending	Earned <u>Exposures</u>	Developed Ex-Cat Losses and ALAE	Developed Ex-Cat Losses and LAE	Factor to Adjust Losses for Pure Premium Trend	Projected Ultimate Loss and LAE	Projected Average Loss and LAE	Experience Year <u>Weights</u>
3/31/2007	4,511	\$643,728	\$731,275	1.069	\$781,733	\$173.29	20 %
3/31/2008	4,513	550,366	625,216	1.058	661,479	146.57	20
3/31/2009	4,485	593,519	674,238	1.048	706,601	157.55	20
3/31/2010	3,743	695,809	790,439	1.037	819,685	218.99	20
3/31/2011	2,840	415,554	472,069	1.027	484,815	170.71	20
		(8) Indicated Provision	n for Loss and LAE			\$173.42	

### Development of Provision for Loss and LAE - Comprehensive

	(1)	(2)	(3) ( Exhibit 9 )	$(4) = (2) \times [1+(3)]$	(5)	(6) ( Exhibit 8.A )	$(7)$ $= (5) \times (6)$	(8) = (7) / (1)	(9)
Fiscal Year <u>Ending</u>	Earned <u>Exposures</u>	Developed Ex-Cat Losses and ALAE	Average Catastrophe <u>Factor</u>	Developed Losses and ALAE	Developed Losses and LAE	Factor to Adjust Losses for Pure <u>Premium Trend</u>	Projected Ultimate Loss and LAE	Projected Average Loss and LAE	Experience Year <u>Weights</u>
3/31/2007	4,605	\$271,326	0.154	\$313,110	\$355,693	1.000	\$355,693	\$77.24	20 %
3/31/2008	4,619	295,268	0.154	340,739	387,080	1.000	387,080	83.80	20
3/31/2009	4,590	330,339	0.154	381,211	433,056	1.000	433,056	94.35	20
3/31/2010	3,826	321,476	0.154	370,983	421,437	1.000	421,437	110.15	20
3/31/2011	2,898	140,977	0.154	162,687	184,812	1.000	184,812	63.77	20

(10) Indicated Provision for Loss and LAE

\$85.86

#### Calculation of Premium Trend Factor

Selected	Annual	Premium	Impacts
**************************************	A IIIIIIII $a$ I	ricillulii	HIIDacis

Coverage	<u>Projected</u>
Bodily Injury	0.00%
Property Damage	-1.00%
Medical Payments	0.00%
Uninsured / Underinsured Motorist	0.00%
Collision	0.00%
Comprehensive	-1.00%

#### Calculation of Trend Period

	Current Year
1) Average Earned Date of Proposed Policy Period	5/31/2013
2) Mid-Point of Current Year's Experience Period	9/30/2010
3) Experience Period Ended	3/31/2011
4) Midpoint of Experience Period	9/30/2010
5) Historical: Number of Years from (4) to (2)	0.000
6) Projected: Number of Years from (2) to (1)	2.666

#### Factor to Adjust to Projected Premium Level

Coverage	Current Year	
Bodily Injury	1.000	
Property Damage	0.974	
Medical Payments	1.000	
Uninsured / Underinsured Motorist	1.000	
Collision	1.000	
Comprehensive	0.974	

- (a) Historical Premium Factors are the Annual Historical Impacts plus unity compounded for the number of years in (5)
- (b) Projected Premium Factors are the Annual Projected Impacts plus unity compounded for the number of years in (6)
- (c) Factor to Adjust to Projected Premium Level = (a) x (b)

## Average Written Premium Trends - Bodily Injury

		_	Exponentia	l Curve of Best Fi	t (\$)	
	Average Written	Annual %				
Year Ending	Premium @ CRL	Change	20 pt.	6 pt.	4 pt.	
09/05	\$266.96	3.2	•	•	Ť	
12/05	264.83	9.6				
03/06	258.96	3.6				
06/06	251.38	-3.1				
09/06	243.84	-8.7	224.01			
12/06	235.99	-10.9	221.22			
03/07	226.20	-12.7	218.47			
06/07	217.37	-13.5	215.75			
09/07	211.20	-13.4	213.06			
12/07	205.57	-12.9	210.41			
03/08	201.73	-10.8	207.79			
06/08	198.91	-8.5	205.20			
09/08	193.84	-8.2	202.65			
12/08	190.36	-7.4	200.12			
03/09	187.59	-7.0	197.63			
06/09	186.26	-6.4	195.17			
09/09	183.92	-5.1	192.74			
12/09	184.43	-3.1	190.34			
03/10	183.43	-2.2	187.97	183.96		
06/10	184.34	-1.0	185.63	185.37		
09/10	187.82	2.1	183.32	186.79	188.54	
12/10	189.34	2.7	181.04	188.22	189.07	
03/11	191.26	4.3	178.79	189.66	189.60	
06/11	188.94	2.5	176.56	191.11	190.13	
Regression			20 pt.	6 pt.	4 pt.	
	_					
Avg Annual Percent Change Based on Best	Fit:		-4.9 %	3.1 %	1.1	

## Average Written Premium Trends - Property Damage

Year Ending  09/05  12/05  03/06  06/06  09/06  12/06  03/07  06/07  09/07  12/07  03/08	Average Written Premium @ CRL  \$177.00  174.91  170.34  165.70  160.92  156.37  150.66  146.27  143.21  140.39	Annual % Change  0.2 8.1 2.1 -4.0 -9.1 -10.6 -11.6 -11.7 -11.0	20 pt.  152.35 150.26 148.19 146.16 144.15	6 pt.	4 pt.
09/05 12/05 03/06 06/06 09/06 12/06 03/07 06/07 09/07	\$177.00 174.91 170.34 165.70 160.92 156.37 150.66 146.27 143.21	0.2 8.1 2.1 -4.0 -9.1 -10.6 -11.6 -11.7 -11.0	152.35 150.26 148.19 146.16	6 pt.	4 pt.
12/05 03/06 06/06 09/06 12/06 03/07 06/07 09/07	174.91 170.34 165.70 160.92 156.37 150.66 146.27 143.21	0.2 8.1 2.1 -4.0 -9.1 -10.6 -11.6 -11.7 -11.0	152.35 150.26 148.19 146.16	-	_
03/06 06/06 09/06 12/06 03/07 06/07 09/07	170.34 165.70 160.92 156.37 150.66 146.27 143.21	2.1 -4.0 -9.1 -10.6 -11.6 -11.7	150.26 148.19 146.16		
06/06 09/06 12/06 03/07 06/07 09/07 12/07	165.70 160.92 156.37 150.66 146.27 143.21	-4.0 -9.1 -10.6 -11.6 -11.7 -11.0	150.26 148.19 146.16		
09/06 12/06 03/07 06/07 09/07 12/07	160.92 156.37 150.66 146.27 143.21	-9.1 -10.6 -11.6 -11.7 -11.0	150.26 148.19 146.16		
12/06 03/07 06/07 09/07 12/07	156.37 150.66 146.27 143.21	-10.6 -11.6 -11.7 -11.0	150.26 148.19 146.16		
03/07 06/07 09/07 12/07	150.66 146.27 143.21	-11.6 -11.7 -11.0	148.19 146.16		
06/07 09/07 12/07	146.27 143.21	-11.7 -11.0	146.16		
09/07 12/07	143.21	-11.0			
12/07			144.15		
	140.39	10.2			
03/08		-10.2	142.17		
	138.62	-8.0	140.22		
06/08	136.97	-6.4	138.29		
09/08	133.33	-6.9	136.39		
12/08	130.57	-7.0	134.52		
03/09	128.37	-7.4	132.67		
06/09	126.49	-7.7	130.85		
09/09	124.79	-6.4	129.05		
12/09	123.99	-5.0	127.28		
03/10	122.97	-4.2	125.53	122.93	
06/10	122.24	-3.4	123.81	123.14	
09/10	123.64	-0.9	122.11	123.35	124.20
12/10	124.38	0.3	120.43	123.56	123.99
03/11	124.67	1.4	118.77	123.77	123.78
06/11	122.85	0.5	117.14	123.99	123.57
Regression			20 pt.	6 pt.	4 pt

# <u>Average Written Premium Trends - Collision</u>

@ CRL 3.59 4.19 5.83 5.03 2.06 5.21 7.65 9.62 2.87	Annual % Change  16.0 29.5 22.3 16.4 11.6 7.2 6.8 4.6 3.4	20 pt.  329.28 331.10 332.92 334.75	6 pt.	4 pt.
3.59 4.19 5.83 5.03 2.06 5.21 7.65 9.62	16.0 29.5 22.3 16.4 11.6 7.2 6.8 4.6 3.4	329.28 331.10 332.92	6 pt.	4 pt
4.19 5.83 5.03 2.06 5.21 7.65 9.62	16.0 29.5 22.3 16.4 11.6 7.2 6.8 4.6 3.4	329.28 331.10 332.92		-
5.83 5.03 2.06 5.21 7.65 9.62	22.3 16.4 11.6 7.2 6.8 4.6 3.4	331.10 332.92		
5.03 2.06 5.21 7.65 0.62 2.87	16.4 11.6 7.2 6.8 4.6 3.4	331.10 332.92		
2.06 5.21 7.65 9.62 2.87	11.6 7.2 6.8 4.6 3.4	331.10 332.92		
5.21 7.65 9.62 2.87	7.2 6.8 4.6 3.4	331.10 332.92		
7.65 9.62 2.87	6.8 4.6 3.4	332.92		
9.62 2.87	4.6 3.4			
2.87	3.4	334.75		
0.0		336.60		
1.08	4.6	338.45		
5.90	5.6	340.32		
1.48	6.6	342.19		
5.51	6.8	344.08		
2.49	3.4	345.97		
).93	1.5	347.88		
1.80	0.1	349.79		
3.18	-0.7	351.72		
1.86	0.7	353.66		
3.60	2.2	355.60	359.30	
9.28	2.1	357.56	358.72	
7.62	1.3	359.53	358.14	358.50
7.21	0.7	361.51	357.56	357.7
).57	0.6	363.51	356.99	356.9
3.88	-1.5	365.51	356.41	356.13
		20 nt	6 nt	4 pt
0	0.57 3.88	0.57 0.6	0.57 0.6 363.51	0.57     0.6     363.51     356.99       3.88     -1.5     365.51     356.41

## Average Written Premium Trends - Comprehensive

		_	Exponentia	al Curve of Best Fi	t (\$)	
	Average Written	Annual %				
Year Ending	Premium @ CRL	Change	20 pt.	6 pt.	4 pt.	
09/05	\$147.40	19.0	1	*	•	
12/05	155.74	32.1				
03/06	157.28	24.0				
06/06	162.62	18.8				
09/06	165.88	12.5	173.19			
12/06	167.70	7.7	173.46			
03/07	169.60	7.8	173.74			
06/07	171.22	5.3	174.01			
09/07	172.72	4.1	174.28			
12/07	177.08	5.6	174.56			
03/08	178.40	5.2	174.83			
06/08	181.11	5.8	175.11			
09/08	182.15	5.5	175.38			
12/08	180.87	2.1	175.66			
03/09	180.03	0.9	175.93			
06/09	179.73	-0.8	176.21			
09/09	180.11	-1.1	176.49			
12/09	179.87	-0.6	176.76			
03/10	181.21	0.7	177.04	181.15		
06/10	179.13	-0.3	177.32	178.71		
09/10	176.39	-2.1	177.60	176.29	175.81	
12/10	172.33	-4.2	177.88	173.91	173.67	
03/11	172.53	-4.8	178.16	171.56	171.57	
06/11	169.29	-5.5	178.44	169.24	169.48	
Pagrassion			20 pt.	6 pt	1 nt	
Regression			20 pt.	6 pt.	4 pt.	
Avg Annual Percent Change Based on Best Fit:			0.6 %	-5.3 %	-4.8 %	

<u>Incurred Loss + ALAE Development Factors - Limited Bodily Injury</u>

### CUMULATIVE EXPERIENCE TRIANGLE

DEVELOPMENT PERIOD	2Q2001 1Q2002	2Q2002 1Q2003	2Q2003 1Q2004	2Q2004 1Q2005	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	2Q2008 1Q2009	-	2Q2010 1Q2011
	•	•	•	•	•	•	•	•		
15 MONTHS	1,584	710	625	1,310	787	463	585	572	622	399
27 MONTHS	1,692	918	688	1,642	830	692	797	706	703	
39 MONTHS	1,812	1,038	682	1,717	1,003	713	773	734		
51 MONTHS	1,839	1,044	665	1,641	998	737	799			
63 MONTHS	1,868	1,044	671	1,598	977	737				
75 MONTHS	1,867	1,019	671	1,646	977					
87 MONTHS	1,870	1,019	671	1,646						
99 MONTHS	1,870	1,019	671							
111 MONTHS	1,870	1,019								
123 MONTHS	1,870	1								

#### AGE TO AGE FACTORS

DEVELOPMENT PERIOD	2Q2001 1Q2002	2Q2002 1Q2003	2Q2003 1Q2004	2Q2004 1Q2005	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	2Q2008 1Q2009	2Q2009 1Q2010	2Q2010 1Q2011
15 To 27	1.068	1.293	1.101	1.254	1.054	1.496	1.363	1.233	1.129	
27 To 39	1.071	1.131	0.992	1.046	1.209	1.029	0.970	1.041		
39 To 51	1.015	1.006	0.975	0.956	0.995	1.034	1.033			
51 To 63	1.015	1.000	1.008	0.974	0.979	1.000				
63 To 75	1.000	0.976	1.000	1.030	1.000					
75 To 87	1.001	1.000	1.000	1.000						
87 To 99	1.000	1.000	1.000							
99 To 111	1.000	1.000								
111 To 123	1.000									

#### MEAN AGE TO AGE FACTORS

DEVELOPMENT PERIOD	Selected Countrywide	Selected	Factor To Ultimate
15 To 27	1.300	1.300	1.696
27 To 39	1.142	1.142	1.305
39 To 51	1.079	1.079	1.143
51 To 63	1.032	1.032	1.059
63 To 75	1.017	1.017	1.026
75 To 87	1.004	1.004	1.009
87 To 99	1.002	1.002	1.005
99 To 111	1.001	1.001	1.003
111 To 123	1.002	1.002	1.002

 $\underline{Incurred\ Loss + ALAE\ Development\ Factors - Unlimited\ Bodily\ Injury}$ 

### CUMULATIVE EXPERIENCE TRIANGLE

DEVELOPMENT PERIOD	2Q2001 1Q2002	2Q2002 1Q2003	2Q2003 1Q2004	2Q2004 1Q2005	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	2Q2008 1Q2009	-	2Q2010 1Q2011
15 MONTHS 27 MONTHS 39 MONTHS 51 MONTHS 63 MONTHS 75 MONTHS 87 MONTHS 99 MONTHS	1,734 1,842 1,962 1,989 2,018 2,017 2,020 2,020 2,020	710 918 1,038 1,044 1,044 1,019 1,019	625 688 682 665 671 671 671	2,457 2,592 2,864 2,784 2,741 2,789 2,789	1,037 1,880 2,153 2,148 2,127 2,127	463 717 808	585 797 773 799	572 706 734	622 738	399
111 MONTHS 123 MONTHS	2,020 2,020	1,019								

#### AGE TO AGE FACTORS

DEVELOPMENT PERIOD	2Q2001 1Q2002	2Q2002 1Q2003	2Q2003 1Q2004	2Q2004 1Q2005	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	2Q2008 1Q2009	2Q2009 1Q2010	2Q2010 1Q2011
15 To 27	1.062	1.293	1.101	1.055	1.812	1.550	1.363	1.233	1.185	
27 To 39	1.066	1.131	0.992	1.105	1.146	1.126	0.970	1.041		
39 To 51	1.014	1.006	0.975	0.972	0.998	1.030	1.033			
51 To 63	1.014	1.000	1.008	0.984	0.990	1.000				
63 To 75	1.000	0.976	1.000	1.018	1.000					
75 To 87	1.001	1.000	1.000	1.000						
87 To 99	1.000	1.000	1.000							
99 To 111	1.000	1.000								
111 To 123	1.000									

## MEAN AGE TO AGE FACTORS

DEVELOPMENT PERIOD	Selected Countrywide	Selected	Factor To Ultimate
15 To 27	1.341	1.341	1.831
27 To 39	1.167	1.167	1.366
39 To 51	1.088	1.088	1.170
51 To 63	1.038	1.038	1.076
63 To 75	1.027	1.027	1.036
75 To 87	1.004	1.004	1.009
87 To 99	1.003	1.003	1.005
99 To 111	1.000	1.000	1.002
111 To 123	1.002	1.002	1.002

# $\underline{Incurred\ Loss + ALAE\ Development\ Factors - Property\ Damage}$

### CUMULATIVE EXPERIENCE TRIANGLE

DEVELOPMENT PERIOD	2Q2001 1Q2002	2Q2002 1Q2003	2Q2003 1Q2004	-	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	2Q2008 1Q2009	~	2Q2010 1Q2011
	-								_	
15 MONTHS	1,128	929	469	364	360	454	449	394	513	361
27 MONTHS	1,181	986	475	366	387	467	473	418	522	
39 MONTHS	1,197	986	487	366	383	467	473	418		
51 MONTHS	1,225	990	487	366	385	467	464			
63 MONTHS	1,226	990	487	366	385	467				
75 MONTHS	1,226	990	487	366	385					
87 MONTHS	1,226	990	487	366						
99 MONTHS	1,226	990	487							
111 MONTHS	1,226	990								
123 MONTHS	1,226									

#### AGE TO AGE FACTORS

DEVELOPMENT PERIOD	2Q2001 1Q2002	2Q2002 1Q2003	2Q2003 1Q2004	2Q2004 1Q2005	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	2Q2008 1Q2009	•	2Q2010 1Q2011
15 To 27	1.047	1.062	1.012	1.006	1.075	1.028	1.053	1.061	1.016	
27 To 39	1.014	1.000	1.025	1.000	0.992	1.000	1.000	1.000		
39 To 51	1.023	1.004	1.000	1.001	1.005	1.000	0.982			
51 To 63	1.001	1.000	1.000	1.000	1.000	1.000				
63 To 75	1.000	1.000	1.000	1.000	1.000					
75 To 87	1.000	1.000	1.000	1.000						
87 To 99	1.000	1.000	1.000							
99 To 111	1.000	1.000								
111 To 123	1.000									

### MEAN AGE TO AGE FACTORS

			Factor
DEVELOPMENT	Selected		To
PERIOD	Countrywide	Selected	Ultimate
15 To 27	1.073	1.073	1.084
27 To 39	1.008	1.008	1.010
39 To 51	1.002	1.002	1.002
51 To 63	1.000	1.000	1.000
63 To 75	1.000	1.000	1.000
75 To 87	1.000	1.000	1.000
87 To 99	1.000	1.000	1.000
99 To 111	1.000	1.000	1.000
111 To 123	1.000	1.000	1.000

# $\underline{Incurred\ Loss + ALAE\ Development\ Factors - Medical\ Payments}$

#### CUMULATIVE EXPERIENCE TRIANGLE

DEVELOPMENT	2Q2001 2Q	22002	2Q2003	2Q2004	2Q2005	2Q2006	2Q2007	2Q2008	2Q2009 2	Q2010
PERIOD	1Q2002	1Q2003	1Q2004	1Q2005	1Q2006	1Q2007	1Q2008	1Q2009	1Q2010	1Q2011
15 MONTHS	3	6	7	5	5	3	0	59	5	5
27 MONTHS	3	16	6	5	5	8	4	64	11	
39 MONTHS	3	16	6	5	5	3	4	64		
51 MONTHS	3	16	6	5	5	3	9			
63 MONTHS	3	16	6	5	5	3				
75 MONTHS	3	16	6	5	5					
87 MONTHS	3	16	6	5						
99 MONTHS	3	16	6							
111 MONTHS	3	16								
123 MONTHS	3									

#### AGE TO AGE FACTORS

DEVELOPMENT PERIOD	2Q2001 1Q2002	2Q2002 1Q2003	2Q2003 1Q2004	2Q2004 1Q2005	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	2Q2008 1Q2009	2Q2009 1Q2010	2Q2010 1Q2011
15 To 27	1.000	2.665	0.854	0.981	0.987	2.966	1.000	1.079	2.111	
27 To 39	1.000	1.000	1.000	1.000	1.000	0.342	1.000	1.000		
39 To 51	1.000	1.000	1.000	1.000	1.000	1.000	2.311			
51 To 63	1.000	1.000	1.000	1.000	1.000	1.000				
63 To 75	1.000	1.000	1.000	1.000	1.000					
75 To 87	1.000	1.000	1.000	1.000						
87 To 99	1.000	1.000	1.000							
99 To 111	1.000	1.000								
111 To 123	1.000									

			Factor
DEVELOPMENT	Selected		То
PERIOD	Countrywide	Selected	Ultimate
15 To 27	1.019	1.019	1.025
27 To 39	1.006	1.006	1.006
39 To 51	1.002	1.002	1.000
51 To 63	0.998	0.998	0.998
63 To 75	1.001	1.001	1.000
75 To 87	0.999	0.999	0.999
87 To 99	1.000	1.000	1.000
99 To 111	1.000	1.000	1.000
111 To 123	1.000	1.000	1.000

<u>Incurred Loss + ALAE Development Factors - Limited UM + UIM</u>

#### CUMULATIVE EXPERIENCE TRIANGLE

DEVELOPMENT PERIOD	2Q2001 2 1Q2002	2Q2002 1Q2003	2Q2003 1Q2004	2Q2004 1Q2005	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	2Q2008 1Q2009	-	2Q2010 1Q2011
15 MONTHS	272	353	401	158	42	82	195	326	156	65
27 MONTHS	255	462	482	132	27	105	290	351	200	
39 MONTHS	315	456	462	132	27	105	267	326		
51 MONTHS	301	548	499	132	27	80	290			
63 MONTHS	313	548	502	157	27	80				
75 MONTHS	313	548	495	157	27					
87 MONTHS	313	548	524	157						
99 MONTHS	313	548	524							
111 MONTHS	313	548								
123 MONTHS	313									

#### AGE TO AGE FACTORS

DEVELOPMENT PERIOD	2Q2001 1Q2002	2Q2002 1Q2003	2Q2003 1Q2004	2Q2004 1Q2005	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	2Q2008 1Q2009	•	2Q2010 1Q2011
15 To 27	0.939	1.308	1.201	0.834	0.643	1.281	1.487	1.077	1.282	
27 To 39	1.235	0.987	0.958	0.997	1.000	1.000	0.919	0.929		
39 To 51	0.954	1.203	1.081	1.000	1.000	0.761	1.088			
51 To 63	1.043	1.000	1.005	1.188	1.000	1.000				
63 To 75	1.000	1.000	0.986	1.000	1.000					
75 To 87	1.000	1.000	1.059	1.000						
87 To 99	1.000	1.000	1.000							
99 To 111	1.000	1.000								
111 To 123	1.000									

			Factor
DEVELOPMENT	Selected		То
PERIOD	Countrywide	Selected	Ultimate
15 To 27	1.317	1.317	1.779
27 To 39	1.149	1.149	1.351
39 To 51	1.080	1.080	1.176
51 To 63	1.037	1.037	1.089
63 To 75	1.026	1.026	1.050
75 To 87	1.012	1.012	1.023
87 To 99	1.007	1.007	1.011
99 To 111	1.004	1.004	1.004
111 To 123	1.000	1.000	1.000

<u>Incurred Loss + ALAE Development Factors - Unlimited UM + UIM</u>

#### CUMULATIVE EXPERIENCE TRIANGLE

DEVELOPMENT PERIOD	2Q2001 1Q2002	2Q2002 1Q2003	•	2Q2004 1Q2005	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	2Q2008 1Q2009	-	2Q2010 1Q2011
15 MONTHS	272	353	401	158	42	82	195	326	306	65
27 MONTHS	255	462	482	132	27	105	290	351	350	
39 MONTHS	315	456	462	132	27	105	267	326		
51 MONTHS	301	598	499	132	27	80	290			
63 MONTHS	313	598	502	157	27	80				
75 MONTHS	313	598	495	157	27					
87 MONTHS	313	598	524	157						
99 MONTHS	313	598	524							
111 MONTHS	313	598								
123 MONTHS	313									

#### AGE TO AGE FACTORS

DEVELOPMENT PERIOD	2Q2001 1Q2002	2Q2002 1Q2003	2Q2003 1Q2004	2Q2004 1Q2005	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	2Q2008 1Q2009	2Q2009 1Q2010	2Q2010 1Q2011
15 To 27	0.939	1.308	1.201	0.834	0.643	1.281	1.487	1.077	1.144	
27 To 39	1.235	0.987	0.958	0.997	1.000	1.000	0.919	0.929		
39 To 51	0.954	1.313	1.081	1.000	1.000	0.761	1.088			
51 To 63	1.043	1.000	1.005	1.188	1.000	1.000	1			
63 To 75	1.000	1.000	0.986	1.000	1.000					
75 To 87	1.000	1.000	1.059	1.000						
87 To 99	1.000	1.000	1.000							
99 To 111	1.000	1.000								
111 To 123	1.000									

DEVELOPMENT PERIOD	Selected Countrywide	Selected	Factor To Ultimate
15 To 27	1.344	1.344	1.913
27 To 39	1.156	1.156	1.423
39 To 51	1.107	1.107	1.231
51 To 63	1.051	1.051	1.112
63 To 75	1.025	1.025	1.058
75 To 87	1.016	1.016	1.032
87 To 99	1.009	1.009	1.016
99 To 111	1.007	1.007	1.007
111 To 123	1.000	1.000	1.000

# Paid Loss + ALAE Development Factors - Collision

#### CUMULATIVE EXPERIENCE TRIANGLE

DEVELOPMENT PERIOD	2Q2001 2 1Q2002	2Q2002 1Q2003	2Q2003 1Q2004	2Q2004 1Q2005	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	•	•	2Q2010 1Q2011
15 MONTHS	1,567	1,189	714	561	579	655	573	592	706	423
27 MONTHS	1,545	1,101	706	555	562	644	551	593	695	
39 MONTHS	1,540	1,098	709	556	562	644	551	594		
51 MONTHS	1,540	1,099	709	556	562	644	550			
63 MONTHS	1,540	1,099	709	556	562	644				
75 MONTHS	1,540	1,099	709	556	562					
87 MONTHS	1,540	1,099	709	556						
99 MONTHS	1,540	1,099	709							
111 MONTHS	1,540	1,099								
123 MONTHS	1,540									

#### AGE TO AGE FACTORS

DEVELOPMENT PERIOD	2Q2001 1Q2002	2Q2002 1Q2003	2Q2003 1Q2004	2Q2004 1Q2005	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	2Q2008 1Q2009	-	2Q2010 1Q2011
15 To 27	0.986	0.926	0.988	0.989	0.970	0.983	0.960	1.000	0.984	
27 To 39	0.997	0.998	1.004	1.002	1.000	1.000	1.000	1.002		
39 To 51	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
51 To 63	1.000	1.000	1.000	1.000	1.000	1.000				
63 To 75	1.000	1.000	1.000	1.000	1.000					
75 To 87	1.000	1.000	1.000	1.000						
87 To 99	1.000	1.000	1.000							
99 To 111	1.000	1.000								
111 To 123	1.000									

	Volume		Factor
DEVELOPMENT	Weighted		То
PERIOD	4 Yr Mean	Selected	Ultimate
15 To 27	0.982	0.982	0.982
27 To 39	1.001	1.000	1.000
39 To 51	1.000	1.000	1.000
51 To 63	1.000	1.000	1.000
63 To 75	1.000	1.000	1.000
75 To 87	1.000	1.000	1.000
87 To 99	1.000	1.000	1.000
99 To 111	1.000	1.000	1.000
111 To 123	1.000	1.000	1.000

# <u>Paid Loss + ALAE Development Factors - Comprehensive</u>

#### CUMULATIVE EXPERIENCE TRIANGLE

DEVELOPMENT PERIOD	2Q2001 2 1Q2002	2Q2002 1Q2003	2Q2003 1Q2004	2Q2004 1Q2005	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	2Q2008 1Q2009	•	2Q2010 1Q2011
15 MONTHS	946	643	489	220	201	269	285	327	319	140
27 MONTHS	959	649	493	216	202	271	295	331	321	
39 MONTHS	959	652	493	216	203	271	295	330		
51 MONTHS	960	652	493	217	203	271	295			
63 MONTHS	960	652	493	217	203	271				
75 MONTHS	960	652	493	217	203					
87 MONTHS	960	652	493	217						
99 MONTHS	960	652	493							
111 MONTHS	960	652								
123 MONTHS	960									

#### AGE TO AGE FACTORS

DEVELOPMENT PERIOD	2Q2001 1Q2002	2Q2002 1Q2003	2Q2003 1Q2004	2Q2004 1Q2005	2Q2005 1Q2006	2Q2006 1Q2007	2Q2007 1Q2008	2Q2008 1Q2009	•	2Q2010 1Q2011
15 To 27	1.013	1.009	1.007	0.984	1.009	1.008	1.036	1.013	1.005	
27 To 39	1.000	1.005	1.000	1.001	1.001	1.000	1.000	0.998		
39 To 51	1.001	1.000	1.000	1.000	1.000	1.000	1.000			
51 To 63	1.000	1.000	1.000	1.000	1.000	1.001				
63 To 75	1.000	1.000	1.000	1.000	1.000					
75 To 87	1.000	1.000	1.000	1.000						
87 To 99	1.000	1.000	1.000							
99 To 111	1.000	1.000								
111 To 123	1.000									

DEVELOPMENT PERIOD	Selected Countrywide	Selected	Factor To Ultimate
15 To 27	1.008	1.008	1.009
27 To 39	1.001	1.001	1.001
39 To 51	1.000	1.000	1.000
51 To 63	1.000	1.000	1.000
63 To 75	1.000	1.000	1.000
75 To 87	1.000	1.000	1.000
87 To 99	1.000	1.000	1.000
99 To 111	1.000	1.000	1.000
111 To 123	1.000	1.000	1.000

# Excess Loss Provision

# **BODILY INJURY**

Experience Period	Ultimate Total Ex- Cat Losses + ALAE	Ultimate Limited Ex-Cat Losses + ALAE	Total / Limited
03/01-03/02	2,020	1,870	1.08
03/02-03/03	1,021	1,021	1.00
03/03-03/04	672	673	1.00
03/04-03/05	2,803	1,655	1.69
03/05-03/06	2,147	986	2.18
03/06-03/07	862	756	1.14
03/07-03/08	859	846	1.02
03/08-03/09	860	839	1.02
03/09-03/10	1,008	917	1.10
03/10-03/11	731	677	1.08
	Weighted Average		1.27
	Straight Average		1.23
	Selected		1.22

# UNINSURED/UNDERINSURED MOTORIST

Experience Period	Ultimate Total Ex- Cat Losses + ALAE	Ultimate Limited Ex-Cat Losses + ALAE	Total / Limited
03/01-03/02	313	313	1.00
03/02-03/03	598	548	1.09
03/03-03/04	528	526	1.00
03/04-03/05	159	158	1.00
03/05-03/06	28	27	1.01
03/06-03/07	84	84	1.01
03/07-03/08	323	316	1.02
03/08-03/09	401	383	1.05
03/09-03/10	498	270	1.84
03/10-03/11	124	115	1.08
	Weighted Average		1.11
	Straight Average		1.11
	Selected		1.11

#### Calculation of Pure Premium Trend Factor

Selected Annual Pure Premium Impacts

Coverage	<u>Historical</u>	<u>Projected</u>
Bodily Injury	0.00%	0.00%
Property Damage	1.00%	1.00%
Medical Payments	0.00%	0.00%
Uninsured / Underinsured Motorist	0.00%	0.00%
Collision	1.00%	1.00%
Comprehensive	0.00%	0.00%

#### Calculation of Trend Period

	4th Prior Year	3rd Prior Year	2nd Prior Year	1st Prior Year	Current Year
1) Loss Trend Projection Date	5/31/2013	5/31/2013	5/31/2013	5/31/2013	5/31/2013
2) Mid-Point of Current Year's Experience Period	9/30/2010	9/30/2010	9/30/2010	9/30/2010	9/30/2010
3) Experience Period Ended	3/31/2007	3/31/2008	3/31/2009	3/31/2010	3/31/2011
4) Midpoint of Experience Period	9/30/2006	9/30/2007	9/30/2008	9/30/2009	9/30/2010
5) Historical: Number of Years from (4) to (2)	4.000	3.000	2.000	1.000	0.000
6) Projected: Number of Years from (2) to (1)	2.666	2.666	2.666	2.666	2.666

#### Factor to Adjust Losses for Pure Premium Trend

Coverage	4th Prior Year	3rd Prior Year	2nd Prior Year	1st Prior Year	Current Year
Bodily Injury	1.000	1.000	1.000	1.000	1.000
Property Damage	1.069	1.058	1.048	1.037	1.027
Medical Payments	1.000	1.000	1.000	1.000	1.000
Uninsured / Underinsured Motorist	1.000	1.000	1.000	1.000	1.000
Collision	1.069	1.058	1.048	1.037	1.027
Comprehensive	1.000	1.000	1.000	1.000	1.000

- (a) Historical Pure Premium Factors are the Annual Historical Impacts plus unity compounded for the number of years in (5)
- (b) Projected Pure Premium Factors are the Annual Projected Impacts plus unity compounded for the number of years in (6)
- (c) Factor to Adjust Losses for Pure Premium Trend = (a) x (b)

#### Pure Premium Loss Trends - Bodily Injury

			Exponential Curve of Best Fit (\$)			
	Actual Paid Pure	Annual %				
Year Ending	Premium	Change	20 pt.	12 pt.	6 pt.	
09/05	\$179.22	122.8	*	*	•	
12/05	170.38	64.2				
03/06	146.84	3.4				
06/06	282.68	78.8				
09/06	247.11	37.9	154.39			
12/06	232.98	36.7	153.23			
03/07	214.68	46.2	152.07			
06/07	89.57	-68.3	150.92			
09/07	139.45	-43.6	149.78			
12/07	137.16	-41.1	148.65			
03/08	146.64	-31.7	147.53			
06/08	142.41	59.0	146.42			
09/08	80.39	-42.4	145.31	100.35		
12/08	104.36	-23.9	144.21	105.68		
03/09	108.74	-25.9	143.13	111.29		
06/09	113.10	-20.6	142.05	117.20		
09/09	150.81	87.6	140.97	123.43		
12/09	155.44	49.0	139.91	129.99		
03/10	147.20	35.4	138.85	136.89	151.24	
06/10	153.06	35.3	137.80	144.16	152.17	
09/10	163.78	8.6	136.76	151.82	153.11	
12/10	145.26	-6.6	135.73	159.89	154.06	
03/11	159.36	8.3	134.71	168.38	155.01	
06/11	153.65	0.4	133.69	177.33	155.97	
egression			20 pt.	12 pt.	6 pt.	
	. F.				2.5 %	
vg Annual Percent Change Based on Bes	t Fit:		-3.0 %		23.0 %	

#### Pure Premium Loss Trends - Property Damage

			Exponential Curve of Best Fit (\$)			
V F1:	Actual Paid Pure	Annual %	20	12	C == 4	
Year Ending	Premium	Change	20 pt.	12 pt.	6 pt.	
09/05	\$68.40	5.2				
12/05	69.28	2.6				
03/06	71.79	14.8				
06/06	67.03	-7.6				
09/06	74.79	9.3	70.38			
12/06	80.74	16.5	71.20			
03/07	82.75	15.3	72.02			
06/07	77.76	16.0	72.86			
09/07	73.99	-1.1	73.70			
12/07	65.91	-18.4	74.56			
03/08	66.25	-19.9	75.42			
06/08	70.71	-9.1	76.30			
09/08	71.94	-2.8	77.18	70.55		
12/08	67.30	2.1	78.08	72.47		
03/09	66.05	-0.3	78.98	74.45		
06/09	70.35	-0.5	79.90	76.47		
09/09	81.42	13.2	80.83	78.56		
12/09	91.53	36.0	81.77	80.70		
03/10	96.03	45.4	82.71	82.90	97.51	
06/10	91.76	30.4	83.67	85.16	94.47	
09/10	96.42	18.4	84.64	87.48	91.53	
12/10	89.06	-2.7	85.63	89.86	88.68	
03/11	88.35	-8.0	86.62	92.31	85.92	
06/11	79.98	-12.8	87.63	94.83	83.24	
Regression			20 pt.	12 pt.	6 pt.	
Avg Annual Percent Change Based on Best Fit:			4.7 %	11.4 %	-11.9 %	

#### Pure Premium Loss Trends - Collision

		_	Exponentia	al Curve of Best F	it (\$)
	Actual Paid Pure	Annual %			
Year Ending	Premium	Change	20 pt.	12 pt.	6 pt.
09/05	\$127.40	2.5	<del>-</del>	_	_
12/05	120.20	0.9			
03/06	135.74	10.9			
06/06	133.01	10.5			
09/06	131.30	3.1	126.69		
12/06	141.00	17.3	128.42		
03/07	141.65	4.4	130.17		
06/07	143.60	8.0	131.94		
09/07	132.65	1.0	133.74		
12/07	118.76	-15.8	135.56		
03/08	126.14	-11.0	137.41		
06/08	119.97	-16.5	139.28		
09/08	131.08	-1.2	141.17	138.32	
12/08	136.80	15.2	143.10	140.89	
03/09	132.68	5.2	145.05	143.51	
06/09	131.65	9.7	147.02	146.17	
09/09	155.71	18.8	149.02	148.89	
12/09	166.21	21.5	151.05	151.65	
03/10	178.29	34.4	153.11	154.47	188.46
06/10	182.51	38.6	155.20	157.34	178.82
09/10	181.71	16.7	157.31	160.26	169.68
12/10	162.40	-2.3	159.45	163.24	161.00
03/11	148.66	-16.6	161.62	166.27	152.77
06/11	142.82	-21.8	163.82	169.36	144.96
Regression			20 pt	12 nt	6 pt.
Regression  Avg Annual Percent Change Based on Bes	t Fit:		20 pt.	12 pt.	-1

#### Pure Premium Loss Trends - Comprehensive

			Exponential Curve of Best Fit (\$)			
	Actual Paid Pure	Annual %				
Year Ending	Premium	Change	20 pt.	12 pt.	6 pt.	
09/05	\$41.24	-24.9	*	•	*	
12/05	49.52	3.3				
03/06	44.17	-3.4				
06/06	42.64	-1.5				
09/06	50.41	22.2	59.82			
12/06	45.60	-7.9	60.22			
03/07	58.24	31.9	60.62			
06/07	61.02	43.1	61.02			
09/07	62.79	24.6	61.43			
12/07	66.99	46.9	61.84			
03/08	56.03	-3.8	62.25			
06/08	67.36	10.4	62.67			
09/08	62.02	-1.2	63.09	81.29		
12/08	70.04	4.6	63.51	78.64		
03/09	80.90	44.4	63.93	76.09		
06/09	69.09	2.6	64.36	73.61		
09/09	87.44	41.0	64.79	71.22		
12/09	84.01	20.0	65.22	68.90		
03/10	83.92	3.7	65.65	66.66	82.40	
06/10	80.84	17.0	66.09	64.49	73.16	
09/10	60.66	-30.6	66.53	62.39	64.96	
12/10	52.96	-37.0	66.98	60.36	57.68	
03/11	45.70	-45.5	67.42	58.40	51.22	
06/11	52.84	-34.6	67.87	56.50	45.48	
Regression			20 pt.	12 pt.	6 pt.	
ICE1C9910II			20 pt.	12 pt.	o pt.	
Avg Annual Percent Change Based on Best Fit:	:		2.7 %	-12.4 %	-37.8 %	

#### <u>Catastrophe Insurance Losses - Comprehensive</u>

	Arkansas		Incurred Losses Excluding
Accident Year	Total Incurred Losses	Catastrophe Losses	Catastrophes
1988	166,983	0	166,983
1989	474,358	185,136	289,222
1990	216,650	12,351	204,299
1991	270,041	37,037	233,004
1992	162,071	12,092	149,979
1993	173,924	4,957	168,967
1994	193,051	7,413	185,638
1995	210,902	22,327	188,575
1996	328,063	78,351	249,712
1997	211,270	42,497	168,773
1998	308,361	5,250	303,111
1999	914,285	204,275	710,010
2000	1,085,776	62,910	1,022,866
2001	1,054,562	38,331	1,016,231
2002	767,092	36,710	730,382
2003	567,998	18,733	549,265
2004	211,838	2,484	209,354
2005	222,792	0	222,792
2006	379,492	124,254	255,238
2007	296,155	12,230	283,925
2008	577,344	262,261	315,083
2009	408,754	73,755	334,999
2010	160,076	5,991	154,085
		\$1,249,345	\$8,112,493

Selected Catastrophe Provision: 15.4%

#### Summary of Expense Provisions

Liability Expense Provision

					Uninsured /
	Percent Fixed	Bodily Injury	Property Damage	Medical Payments	Underinsured Motorist
				•	
Commissions	0 %	13.8 %	13.8 %	13.8 %	13.8 %
Taxes †	0	3.1	3.1	3.1	3.1
ULAE	0	12.6	12.6	12.6	12.6
Licenses and Fees	100	0.2	0.2	0.2	0.2
Other Acquisition	100	1.0	1.0	1.0	1.0
General Expense	100	7.8	7.8	7.8	7.8
Profit Provision	0	5.8	5.8	5.8	5.8
Debt Provision	0	1.4	1.4	1.4	1.4

#### Physical Damage Expense Provision

_	Percent Fixed	Collision	Comprehensive
Commissions	0 %	13.8 %	13.8 %
Taxes †	0	3.1	3.1
ULAE	0	12.6	12.6
Licenses and Fees	100	0.2	0.2
Other Acquisition	100	1.0	1.0
General Expense	100	7.8	7.8
Profit Provision	0	10.0	10.0
Debt Provision	0	1.4	1.4

<sup>†</sup> State Taxes - Does not include Federal Income Tax

# Factor to Adjust for Subsequent Change in Fixed Expense\*

1) Average Earned Date of Experience Period	6/30/2009
2) Average Earned Date of Proposed Policy Period	5/31/2013
3) Number of Years from (1) to (2)	3.9
4) Selected Annual Impact	1.70 %
5) Factor to Adjust for Subsequent Change in Fixed Expense = [ 1 + (4) ] ^ (3)	1.068

<sup>\*</sup>For calendar years 2008-2010

#### Investment Income - Liability

# Calculation of Present Value, as of the Average Earning Date of a Policy year, of all Income and Outgo @ 2.60%\* force of interest, given an Operating Profit of 7.00% and twelve-month Policy Terms

Years From	Arkansas Cumulative	Arkansas Yearly Percent of	Time from Start	Discounted ** to avg time	Discounted				
Start of Policy Year	Percent of Losses Paid	Losses Paid	of Policy Year	of profit @ 2.60%	Payments				
1	13.7%	13.7%	0.69	1.008	13.8%				
2	49.5%	35.8%	1.39	0.990	35.4%				
3	68.4%	18.9%	2.46	0.963	18.2%				
4	81.0%	12.6%	3.47	0.938	11.8%				
5	90.4%	9.4%	4.46	0.914	8.6%				
Subsequent	100.0%	9.6%	6.36	0.870	8.4%				
Subsequent	100.070	7.070	0.30	0.070	0.470				
Total		100.0%			96.2%				
Expected Losses and L	oss Expense Ratio				66.9%				
Present Value of Loss a	and Loss Expense Payme	nts			64.4%				
General Expense		7.8%	0.75	1.007	7.9%				
Other Acquisition		1.0%	0.63	1.010	1.0%				
Taxes		3.1%	0.63	1.010	3.1%				
Commissions		13.8%	0.58	1.011	14.0%				
Debt Provision		1.4%	1.00	1.000	1.4%				
Profit Provision		5.8%	1.00	1.000	5.8%				
Licenses and Fees		0.2%	0.63	1.010	0.2%				
Total Present Value of	Outgo				97.8%				
Premiums		100.0%	0.60	1.010	101.0%				
Difference, Present Value of Income									
Less Present Value of C	Outgo				3.2%				

<sup>\*</sup>Discount rate from Investments Department forecast

<sup>\*\*</sup>exp (0.026 x (timing of profit being earned - timing of cash flow))

#### Investment Income - Physical Damage

Calculation of Present Value, as of the Average Earning Date of a Policy year, of all Income and Outgo @ 2.60%\* force of interest, given an Operating Profit of 7.00% and twelve-month Policy Terms

	Arkansas	Arkansas	Time	Discounted **				
Years From	Cumulative	Yearly	from Start	to avg time				
Start of	Percent of	Percent of	of Policy	of profit @	Discounted			
Policy Year	Losses Paid	Losses Paid	Year	2.60%	Payments			
1	49.9%	49.9%	0.63	1.010	50.4%			
2	100.2%	50.3%	1.15	0.996	50.1%			
Subsequent	100.0%	-0.2%	2.25	0.968	-0.2%			
Total		100.0%			100.3%			
Expected Losses and Los	ss Expense Ratio				62.7%			
Present Value of Loss an	d Loss Expense Paymen	nts			62.9%			
General Expense		7.8%	0.75	1.007	7.9%			
Other Acquisition		1.0%	0.63	1.010	1.0%			
Taxes		3.1%	0.63	1.010	3.1%			
Commissions		13.8%	0.58	1.011	14.0%			
Debt Provision		1.4%	1.00	1.000	1.4%			
Profit Provision		10.0%	1.00	1.000	10.0%			
Licenses and Fees		0.2%	0.63	1.010	0.2%			
Total Present Value of O	outgo				100.5%			
Premiums		100.0%	0.60	1.010	101.0%			
Difference, Present Value								
Less Present Value of Ou	Less Present Value of Outgo 0.5%							

<sup>\*</sup>Discount rate from Investments Department forecast

<sup>\*\*</sup>exp (0.026 x (timing of profit being earned - timing of cash flow))

#### **2011 Cost of Equity Update Summary**

Allstate's traditional approach to determining the necessary underwriting profit provision begins with two different analyses – the Fama-French Three-factor method (FF3F) and the Discounted Cash Flow method (DCF) – that are performed in order to estimate Allstate's cost of equity capital. The details and reasoning behind this approach can be found in Allstate's paper titled "Development of the Underwriting Profit Provision." Allstate always seeks to utilize sound actuarial and financial theory in its profit provision calculations and has put forth a considerable effort in order to establish an approach that utilizes appropriate methodologies and produces reasonable and meaningful results. However, even the best methodologies require an oversight of actuarial judgment in order to ensure proper application and to know when circumstances require an adjustment. Allstate believes that, due to certain current circumstances, actuarial judgment calls for caution to be used in the interpretation and application of its FF3F and DCF results. Each will be discussed in detail below.

#### Fama-French

The FF3F approach is similar to the Capital Asset Pricing Model (CAPM) in that it estimates the cost of equity for a given firm by starting with a risk-free rate and adding a risk premium (or risk premiums) to it, relative to the risk of that firm. As such, the result is greatly dependent on the risk-free rate. Allstate's historical risk-premium data is reported relative to the 28-day government bond rate, so in order to be consistent, we have utilized the 28-day government bond rate as the risk-free rate in the FF3F calculations.

Unfortunately, since the financial havoc in the market that began in 2008, the Federal Reserve has been actively and artificially suppressing the short-term interest rates. The table below shows the FF3F calculations for Allstate for the past eleven years. Note that Allstate's risk premium, particularly recently, has not varied greatly over time, whereas the risk-free rate has.

			FF3F
Year	Risk Premium	Risk-free Rate	Cost of Equity
2000	8.7%	5.7%	14.4%
2001	10.1%	5.5%	15.6%
2002	6.9%	5.4%	12.3%
2003	6.7%	3.7%	10.4%
2004	12.7%	1.1%	13.8%
2005	12.2%	2.7%	14.9%
2006	7.8%	4.8%	12.6%
2007	6.5%	5.3%	11.8%
2008	6.7%	1.9%	8.6%
2009	6.9%	0.1%	7.1%
2010	6.8%	0.1%	6.9%

Over the last five years, Allstate's risk premium has remained consistent while the riskfree rate has plummeted, resulting in a large decrease in Allstate's (and other companies') calculated cost of equity. However, there are several reasons why we believe that this is not an accurate reflection of a true risk-free rate, and therefore not an accurate reflection of Allstate's cost of equity. The Federal Reserve has artificially lowered the short-term rate to almost zero in an attempt to encourage borrowing and jump-start the economy. Evidence for this artificial rate suppression can be seen by comparing the difference between the current long-term bond yields and the 28-day bond yield. Historically, the average difference between the long-term bond yield and the 28-day bond yield has been 1.6 percentage points. The current difference is over four percentage points. In fact, prior to 2009, there have been only two years since 1926 where the difference between the long- and short-term bond yields has been as big as it is right now, and one of those years is 2003, when the Federal Reserve was employing a similar strategy in order to encourage borrowing in the housing market.<sup>3</sup> Long-term bond yields are much less impacted by Federal Reserve action because they represent the average short-term bond yield over a longer period of time. While long-term bond yields may contain a small risk premium for liquidity risk, significant difference between the long-term and short-term bond yields suggests that interest rates are expected to rise, and as noted above, the current difference is as big as it's ever been.

As mentioned above, Allstate's risk premium data has typically been calculated relative to the 28-day government bond yield. However, this data can be restated to be relative to a long-term bond yield. In fact, many analysts, including Ibbotson in its Cost of Capital Yearbook, prefer to use long-term bond yields in CAPM or FF3F calculations as the results tend to be smoother and freer from Federal Reserve machinations. Using data through 2010, Allstate's risk premium relative to the 28-day bond yield was 6.8%. When the historical risk premium data is restated to be relative to a long-term government bond yield, Allstate's risk premium drops to 5.4%. Combining this risk premium with a long-term-bond-based risk-free rate, which has been recently hovering around 4%, results in a cost of equity between 9% and 10%, which is in line with Allstate's historical cost of equity of 10%.

In addition to the interest rate issues, it is worth noting that the value beta within the FF3F methodology has also been on the rise lately:

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<sup>&</sup>lt;sup>1</sup> Source: Ibbotson 2011 SBBI Valuation Yearbook.

<sup>&</sup>lt;sup>2</sup> As of year-end 2010: Long-term (4.14%) – Short-term (0.08%) = 4.06%.

<sup>&</sup>lt;sup>3</sup> As of year-end 2010, the difference was 4.06%. In 2003 the difference was 4.09%, and in 1994 the difference was 4.08%. Essentially, the current difference is about as high as it has ever been. For comparison, note that prior to 2009, the difference has only been greater than 3 percentage points nine times since 1926.

<sup>&</sup>lt;sup>4</sup> http://www.treasury.gov/resource-center/data-chart-center/interest-rates/Pages/TextView.aspx?data=yieldYear&year=2011

Value Risk Comp	onent:			
(8)	(9)	(10)	(11)	(12)=(9)+(10)*(11)
	Prop/Cas	Book-to-Mkt	Log Book-	Value Risk
Period	Value Beta	Coefficient	to-Market	Beta
2006	0.201	0.213	-0.6220	0.069
2007	0.209	0.335	-0.3105	0.105
2008	0.215	0.221	-0.3286	0.142
2009	0.738	0.308	0.0351	0.749
2010	0.975	0.236	0.1029	0.999
			3-yr Avg	0.630
			5-yr Avg	0.413
			Selected	0.630

This suggests that the difference in returns required by "value" stocks compared to "growth" stocks is larger in the current market than it was prior to the recent market crash. The impact of this is muted by Allstate's use of a three-year average to determine betas in the FF3F calculations. But when considering the future expectation of the FF3F result, it seems likely that Allstate's risk premium would only increase as this change is further reflected in the data.

In summary, Allstate believes that the 28-day government bond yield is artificially low, and the restatement of Allstate's data to be relative to the long-term bond yield produces a cost of capital comparable to Allstate's historical value of 10%. In addition, Allstate's value beta appears to be on the rise and could be expected to increase in the near future. All of this suggests that a cost of equity of 10% is still appropriate for Allstate.

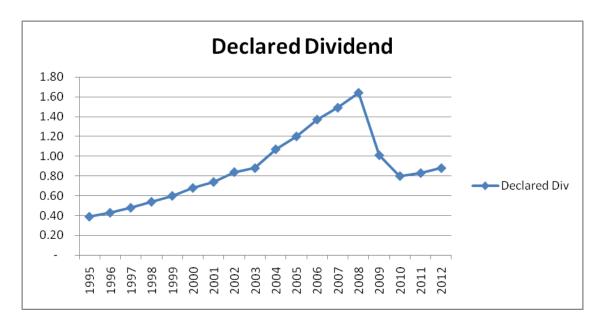
#### Discounted Cash Flow

In order to perform the DCF calculations, Allstate relies on data from the ValueLine Investment Survey. The most difficult DCF input to estimate is the growth rate of dividends (g), and several elements of the ValueLine data are typically used in Allstate's estimation of this value: dividend per share growth (10-year average, 5-year average, and analyst forecast) and earnings per share growth (10-year average, 5-year average, and analyst forecast). Unfortunately, due to both recent events (Allstate's dividend cut) and the nature of the ValueLine calculations, Allstate believes that both the historical averages and the analyst forecast numbers are misleading and require adjustment in order to be relevant.

To derive the projected growth rate for its dividend forecast, ValueLine compares a three-year average of historical dividends paid to a projected amount anywhere from four to six years into the future (depending on the timing of the report). This approach is taken so as to provide an element of stability in the results over time. However, in certain instances, such as Allstate's case, it can be misleading. In early 2009, Allstate announced that its dividend would be cut from \$1.64 to \$0.80. From the current value of \$0.83, ValueLine expects the dividend to grow to \$1.10 by the year 2015. However, in their formula, the three-year average of "current" dividends was from 2008 to 2010, which were \$1.64, \$1.01, and \$0.80 respectively. The average of these values is \$1.15. Therefore,

ValueLine's "projected" amount of dividend growth was calculated as  $(\$1.10/\$1.15)^{(1/6)} - 1$ , which is equal to -1%.<sup>5</sup> This calculation, however, is not appropriate because it is clear that ValueLine expects Allstate's dividend to grow from \$0.83 in 2011 to \$1.10 in 2015, which is actually 7.5% (=( $\$1.10/\$0.83)^{(1/4)} - 1$ ) growth.<sup>6</sup> It is particularly important to recognize the growth from the current \$0.83 level because it is the \$0.83 dividend that is used to calculate the dividend yield in other portions of the DCF analysis. If the growth is gauged based on the \$1.15 dividend, then the dividend yield should also be, which would significantly increase that value.

In addition, Allstate's dividend cut has caused significant impact to the historical dividend growth rates. Allstate's dividend growth was steady and constant prior to the dividend cut (and continues to be after the cut), but the one-time cut dramatically affects the historical calculations:



Recall that the DCF methodology states that the value of a share of a company's stock is equal to the present value of all future dividends. To make the estimates mathematically feasible, assumptions are made regarding the existence of a constant growth rate for dividends. With this assumption being made, the DCF formula can be rearranged in order to solve for the company cost of equity, given that the current stock price and dividend rate are known and the dividend growth rate (g) can be estimated. The point, however, is that there is a connection between the current stock price and the *future* dividend stream; this is entirely a forward-looking calculation. According to DCF theory, the current stock price already reflects the fact that Allstate has cut its dividend (and Allstate's stock price is down since the cut). What's important is where the dividend is expected to go from here.

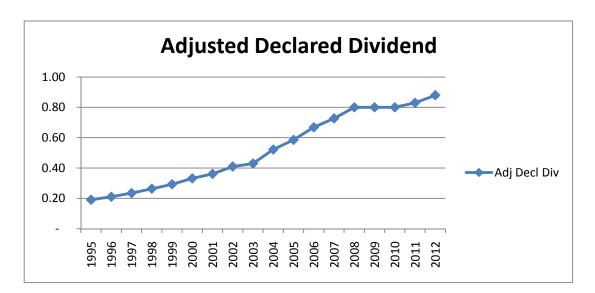
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<sup>&</sup>lt;sup>5</sup> Note: the calculation is to the (1/6) power because the average years in comparison are 2009 and 2015, which is a six-year span.

<sup>&</sup>lt;sup>6</sup> ValueLine rounds its results to the nearest half-percent. Also note: the Earnings Per Share projections suffer from the same issue.

In the past, Allstate has included historical growth rates in its estimate of g, but historical growth rates are only helpful in as much as they provide a reasonable estimate of future growth. Based on the steady growth of the dividend before and after the cut, Allstate believes that the historical calculations do not reflect a reasonable estimate. Two years ago, the calculation of the 5-year historical growth rate yielded a result of 13%<sup>7</sup>; this year, with the dividend cut data being included, that estimate has dropped to 2%.

One option for trying to remedy this situation would be to adjust all of the pre-dividend-cut data to be on post-dividend-cut levels. The resulting data would be much smoother and easier to fit a historical trend to:



Based on this data, a historical trend for the last 10 years would equal an annual growth rate of 10.5%, and for the last 5 years would equal a rate of 9%. When the DCF formula is rearranged, we find that the cost of equity is equal to the sum of the current dividend yield rate and the dividend growth rate. Allstate's current dividend yield rate is 2.8%. The adjusted historical and forecast numbers for dividend growth, as described above, range from 7.5% to 10.5%. Based on these numbers, it would seem that a cost of equity in the range of 10% to 13% would be reasonable. However, caution should be exercised when evaluating the output of a methodology for which so many adjustments have been made. 9

#### Industry Data

Given that both of Allstate's primary methodologies for estimating its cost of equity have been impacted circumstantially, and therefore require adjustment, actuarial prudence

<sup>&</sup>lt;sup>7</sup> Note: because of the nature of the ValueLine calculations (similar to the projection calculations), it took a couple years for the cut dividend data to be incorporated into the historical calculations.

<sup>&</sup>lt;sup>8</sup> As of Second Quarter, 2011

<sup>&</sup>lt;sup>9</sup> Often, when analysts are performing DCF calculations for a whole industry, they will remove the data for any company that has had a dividend cut, as the impact of that data can be substantial and harmful to the overall result.

would suggest that additional, external data be considered. A good source for this is Ibbotson's Cost of Capital Yearbook, where multiple analyses are perform on industries as a whole, as well as sub-sections of those industries. The Ibbotson analysis includes CAPM, CAPM plus Size (a methodology half-way between CAPM and FF3F), FF3F, one-stage DCF, and three-stage DCF calculations. These analyses, performed on the entire cohort of SIC Code 633 – Fire, Marine, and Casualty Insurance – yields the following results<sup>10</sup>:

	2006	2007	2008	2009	2010	Avg	Std Dev
CAPM	9.02	9.79	10.70	11.99	11.22	10.54	1.17
CAPM + Size Prem	10.04	10.76	11.62	11.99	12.30	11.34	0.93
FF3F	9.84	10.19	12.01	11.68	11.02	10.95	0.93
1-Stage DCF	10.57	10.76	9.78	10.37	11.27	10.55	0.55
3-Stage DCF	12.60	15.20	20.00	3.90	13.58	13.06	5.86

These calculations are also performed on subsets of the industry, including the median company, a small-company composite, and a large-company composite. The most appropriate comparison for Allstate would be the large-company composite, whose results are as follows:

	2006	2007	2008	2009	2010	Avg	Std Dev
CAPM	9.08	10.06	10.87	10.48	11.61	10.42	0.94
CAPM + Size Prem	9.08	10.06	10.87	10.48	11.61	10.42	0.94
FF3F	9.98	10.42	12.33	10.35	11.11	10.84	0.93
1-Stage DCF	10.59	10.84	10.00	10.50	9.74	10.33	0.45
3-Stage DCF	14.50	16.90	22.50	24.90	11.81	18.12	5.47

These results reflect the cost of equity for the average company in the industry, or the average large company in the industry. It is likely that Allstate is above average in risk in each of these categories. Allstate's portfolio of risks represents a unique distribution of lines and states (as do all companies'). Allstate writes almost 25% of its business in the homeowners line, some of which is highly volatile coastal business. Many of Allstate's biggest and most comparable multi-line competitors are mutual companies and are, as such, not included in the P/C industry composite. As a result, Allstate has a much higher proportion of business in the homeowners line than most of the companies included in the P/C industry composite. Therefore, we would expect Allstate's cost of capital to be at least as much as the average company (or average large company) in the industry composite.

#### Conclusion

For the last several years, Allstate has sought to achieve a cost of equity of 10% based on the results of the FF3F and DCF analyses. Allstate continues to believe in the validity of these actuarial methodologies, but this year, due to various circumstances, we believe that the output of the FF3F and DCF calculations is misleading. After making what we

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<sup>&</sup>lt;sup>10</sup> Source: Ibbotson Cost of Capital Yearbooks, 2006 to 2010

believe to be reasonable and appropriate adjustments to both of the methodologies, each justifies the selection of a 10% cost of equity. In addition, calculations performed on both the entire property/casualty insurance industry, plus a subsection of the largest companies within that industry, across a range of methodologies, suggest that a cost of equity of 10% is certainly reasonable, and even a higher return could perhaps be justified. Nevertheless, based on both actuarial judgment and the benefit of the stability of rates, Allstate believes that a continued target cost of equity of 10% is reasonable and justified.

# Development of the Underwriting Profit Provision From a Given Cost of Equity

**Exhibits** 

#### ALLSTATE INSURANCE GROUP

# Arkansas Private Passenger Auto

# Development of the Underwriting Profit

			Physical			
		Liability	Damage		Total	Source
(1)	Average Market Value of Equity:			\$	25,562	App. 3, Exh. 2
(2)	Cost of Equity (%):				10.0%	App. 3, Exh. 1, Pg. 1
(3)	Cost of Equity (\$):			\$	2,556	=(1)*(2)
(4)	Dividend Payout Ratio:				0.69	App. 3, Exh. 3
(5)	Average Market-to-book Ratio:				1.41	App. 3, Exh. 4
(6)				Φ.	2556	(2)
(6)	Income Due Shareholders:			\$	2,556	=(3)
(7)	Income Needed by Allstate:			\$	2,268	=(6)/[(4)+(1-(4))*(5)]
(8)	Investment Income on Equity:			\$	476	IDF*
(9)	Operating Income Needed:			\$	1,792	=(7)-(8)
(10)	Earned Premium:			\$	25,605	App. 3, Exh. 2
(11)	Operating Ratio:				7.0%	=(9)/(10)
(12)	Investment Income from PHSF**:	3.2%	0.5%		1.8%	App. 3, Exh. 5, Pg. 1
(13)	After-tax U/W Profit Provision:	3.8%	6.5%		5.2%	=(11)-(12)
(14)	Tax Rate:	35%	35%		35%	FIT***
(15)	Pre-tax U/W Income Needed by Allstate:	5.8%	10.0%		8.0%	=(13)/(1-(14))

<sup>\*</sup>Investments Department forecast

 $Dollar\ values\ are\ in\ millions$ 

<sup>\*\*</sup>Policyholder-supplied Funds (PHSF) are unearned premium and loss reserves

<sup>\*\*\*</sup>This is the federal income tax rate on underwriting profit for Allstate

# ALLSTATE INSURANCE GROUP

# Enterprise Valuation

# (\$ In Millions)

			Imputed
Entity	GAAP Book Value*	Earned Premium*	Market Value**
Total Group	19,015	27,015	26,812
Allstate New Jersey Group	734	1,180	1,035
Castle Key Insurance Group	153	231	216
ANJ/CK	887	1,410	1,250
	10.120	25.605	25.562
Group Less ANJ/CK	18,129	25,605	25,562

<sup>\*</sup>As of 12/31/10

<sup>\*\*</sup>Equals GAAP Book Value multiplied by the average market-to-book ratio

#### ALLSTATE CORPORATION

#### Dividend Payout Ratio

(1)	(2) (3)		(4)	(5) = (3)+(4)		(6) = (5)/(2)	
	Prior Year		Stock			Total	
	GAAP Net		Repurchases	Total		Payout	
Year	Income*	Dividends	(Net)	Payout		Ratio	
1997	\$2,075	417	1,277	1,694		0.82	
1998	\$3,105	450	1,400	1,850		0.60	
1999	3,294	482	864	1,346		0.41	
2000	2,720	506	1385	1,891		0.70	
2001	2,211	547	612	1,159		0.52	
2002	1,158	594	383	977		0.84	
2003	1,134	648	-48	600		0.53	
2004	2,705	779	1111	1,890		0.70	
2005	3,181	846	2,203	3,049		0.96	
2006	1,765	885	1,516	1,765	**	1.00	
2007	4,993	901	3,483	4,384		0.88	
2008	4,636	897	1,281	2,178		0.47	
2009	-1,679	432	-27	405	***	-0.24	
2010	854	433	82	515		0.60	
Total	33,831	8,385	15,549	23,298		0.69	

Source: Allstate Annual Reports

<sup>\*</sup>Dividends and Stock Repurchases for a given year are determined based on the previous year's income. Therefore, GAAP Net Income is lagged by one year so that the appropriate ratio is calculated.

<sup>\*\*</sup>While additional payout was provided from equity funds in 2006, the dividend payout ratio is concerned with percentage of income paid towards dividends and stock repurchases. Therefore, the 2006 payout ratio is capped at 1.00.

<sup>\*\*\*2009</sup> was not included in the total due to the irregularity of the results.

#### ALLSTATE CORPORATION

#### Historical Market-to-book Ratios

Years	Allstate
Dec-01	1.38
Dec-02	1.47
Dec-03	1.47
Dec-04	1.62
Dec-05	1.73
Dec-06	1.85
Dec-07	1.35
Dec-08	1.39
Dec-09	0.97
Dec-10	0.89
10-yr Avg:	1.41
Selected:	1.41

Source: MSN Online Reports

 $\underline{http://moneycentral.msn.com/investor/invsub/results/compare.asp?Page=TenYearSummary\&Symbol=ALL\\$ 

#### **ENCOMPASS INSURANCE COMPANY**

#### Private Passenger Auto

# Calculation of Total Coverages Investment Income From Policy Cash Flow

#### Investment Income Weight\* Source (1) Liability Coverages 3.2% 49.4% App. 3, Exh. 5, Pg. 2 (2) Physical Damage Coverages 0.5% 50.7% App. 3, Exh. 5, Pg. 3 (3) Total Coverages Weighted Average 1.8% 100.0%

<sup>\*</sup>The weight given to the coverages comes from premium volume

#### Investment Income - Liability

Calculation of Present Value, as of the Average Earning Date of a Policy year, of all Income and Outgo @ 2.60%\* force of interest, given an Operating Profit of 7.00% and twelve-month Policy Terms

Years From Start of Policy Year  1 2 3 4 5	Arkansas Cumulative Percent of Losses Paid  13.7% 49.5% 68.4% 81.0% 90.4%	Arkansas Yearly Percent of Losses Paid  13.7% 35.8% 18.9% 12.6% 9.4%	Time from Start of Policy Year 0.69 1.39 2.46 3.47 4.46	Discounted ** to avg time of profit @ 2.60%  1.008 0.990 0.963 0.938 0.914	Discounted Payments  13.8% 35.4% 18.2% 11.8% 8.6%
Subsequent	100.0%	9.6%	6.36	0.870	8.4%
Total		100.0%			96.2%
Expected Losses and	Loss Expense Ratio				66.9%
Present Value of Los	s and Loss Expense P	ayments			64.4%
General Expense		7.8%	0.75	1.007	7.9%
Other Acquisition		1.0%	0.63	1.010	1.0%
Taxes		3.1%	0.63	1.010	3.1%
Commissions		13.8%	0.58	1.011	14.0%
Debt Provision		1.4%	1.00	1.000	1.4%
Profit Provision		5.8%	1.00	1.000	5.8%
Licenses and Fees		0.2%	0.63	1.010	0.2%
Total Present Value	of Outgo				97.8%
Premiums		100.0%	0.60	1.010	101.0%
Difference, Present V	Value of Income				
Less Present Value o					3.2%

<sup>\*</sup>Discount rate from Investments Department forecast

<sup>\*\*</sup>exp (0.026 x (timing of profit being earned - timing of cash flow))

#### <u>Investment Income - Physical Damage</u>

Calculation of Present Value, as of the Average Earning Date of a Policy year, of all Income and Outgo @ 2.60%  $\!\!\!\!\!\!^*$ force of interest, given an Operating Profit of 7.00% and twelve-month Policy Terms

Years From Start of Policy Year  1 2 Subsequent	Arkansas Cumulative Percent of Losses Paid 49.9% 100.2% 100.0%	Arkansas Yearly Percent of Losses Paid  49.9% 50.3% -0.2%	Time from Start of Policy Year  0.63 1.15 2.25	Discounted ** to avg time of profit @ 2.60%  1.010 0.996 0.968	Discounted Payments  50.4% 50.1% -0.2%
Total		100.0%			100.3%
Expected Losses and	l Loss Expense Ratio				62.7%
Present Value of Los	62.9%				
General Expense		7.8%	0.75	1.007	7.9%
Other Acquisition		1.0%	0.63	1.010	1.0%
Taxes		3.1%	0.63	1.010	3.1%
Commissions		13.8%	0.58	1.011	14.0%
<b>Debt Provision</b>		1.4%	1.00	1.000	1.4%
<b>Profit Provision</b>		10.0%	1.00	1.000	10.0%
Licenses and Fees		0.2%	0.63	1.010	0.2%
Total Present Value	of Outgo				100.5%
Premiums		100.0%	0.60	1.010	101.0%
Difference, Present	Value of Income				
Less Present Value of	of Outgo				0.5%

<sup>\*</sup>Discount rate from Investments Department forecast

<sup>\*\*</sup>exp (0.026 x (timing of profit being earned - timing of cash flow))

#### Encompass Indemnity Company Private Passenger Automobile Arkansas

Attachment A Page 1 of 2

#### **Support for Territorial Revisions**

With this filing, Encompass is proposing select territorial base rate revisions by coverage for several territories. These competitive territorial base rate revisions are based on a comparison to Allstate base rate relativities. Page 2 of Attachment A includes five years of loss ratio information for Arkansas specific data for each target territorial grouping. Please note that Encompass does not consider a loss ratio analysis at the territory level to be fully credible. As such, the support for the proposed changes is solely based on competitive information and business decisions.

# ENCOMPASS INDEMNITY COMPANY PRIVATE PASSENGER AUTO ARKANSAS

Loss Ratio/Target Territory Grouped by Target Coverage Relativity Support
Based on Encompass Edge Data
Accident Year 2Q2006-1Q2011

			(1)		(2)	(3)=(1)/(2)	(4)	(5)=(4)-1	(6)
C	m : G	Ex-	CAT Limited		Earned		Loss	Supportable	Selected
Coverage	Territory Group	Deve	loped Incurred	P	remium @		Ratio	Percent	Percent
		Loss	es Plus ALAE		CRL	Loss Ratio	Relativity	Change	Change
BI	Target Territories*	\$	776,856	\$	603,498	128.7%	1.69	68.8%	-5.0%
BI	Remainder of State	\$	1,511,500	\$	2,396,794	63.1%	0.83	-17.3%	0.0%
BI	Statewide	\$	2,288,356	\$	3,000,292	76.3%	1.00	0.0%	-
PD	Target Territories**	\$	815,077	\$	934,372	87.2%	1.23	23.3%	-5.0%
PD	Remainder of State	\$	738,812	\$	1,261,964	58.5%	0.83	-17.3%	0.0%
PD	Statewide	\$	1,553,888	\$	2,196,336	70.7%	1.00	0.0%	-
MED	Target Territories***	\$	46,451	\$	6,661	697.4%	1.95	95.0%	-5.0%
MED	Remainder of State	\$	11,075	\$	9,426	117.5%	0.33	-67.1%	0.0%
MED	Statewide	\$	57,526	\$	16,087	357.6%	1.00	0.0%	-
COMP	Target Territories†	\$	92,891	\$	257,420	36.1%	0.96	-3.9%	-5.0%
COMP	Remainder of State	\$	812,572	\$	2,153,831	37.7%	1.00	0.5%	0.0%
COMP	Statewide	\$	905,463	\$	2,411,251	37.6%	1.00	0.0%	-
COLL	Target Territories‡	\$	970,852	\$	2,201,882	44.1%	1.00	-0.1%	-5.0%
COLL	Remainder of State	\$	1,028,521	\$	2,328,010	44.2%	1.00	0.1%	0.0%
COLL	Statewide	\$	1,999,373	\$	4,529,892	44.1%	1.00	0.0%	-

<u>Note</u>: Territorial changes were supported by comparisons to competitor data and factor adjustments based on business decisions, not solely on LR support.

<sup>\*</sup> BI Target Territories include: 152, 154, 177, 193, 195, 197, 198, 238, 239, 266

<sup>\*\*</sup> PD Target Territories include: 154, 177, 193, 194, 195, 196, 197, 198, 246, 247, 249, 250, 525, 266, 267, 270

<sup>\*\*\*</sup> MED Target Territories include: 126, 177, 193, 194, 195, 246, 247, 248, 249, 250, 257, 266, 267

<sup>†</sup> COMP Target Territories include: 152, 154, 177, 195, 198, 238, 239, 240, 243, 244, 252, 254, 256, 266, 267, 270

<sup>‡</sup> COLL Target Territories include: 154, 177, 193, 194, 195, 196, 197, 198, 246, 247, 248, 249, 250, 254, 256, 257, 270

#### Support for the Preferred Protection Discount\*

In addition to the GLM rating plan fit, Encompass has investigated if there is additional segmentation left in the rating plan for the Preferred Protection Discount (PPD).

A residual analysis was performed by comparing the pure premiums as predicted by the GLM to observed pure premiums to detect any discrepancy. The results of the residual analysis can be found below.

		Coverage								
	Bodily Injury	Property Damage	Medical	Personal Injury Protection	Comprehensive	Collision	Total			
2009 Countrywide Written Prem. Distribution	35.6%	14.6%	1.4%	6.8%	11.9%	29.7%	100.0%			
Additional Discount Factor PPD Level 1	0.807	0.922	0.904	0.802	0.832	0.980	0.879			
Average Discount							12.1%			

		Coverage							
	Bodily Injury	Property Damage	Medical	Personal Injury Protection	Comprehensive	Collision	Total		
2009 Countrywide Written Prem. Distribution	33.8%	15.9%	1.2%	7.7%	11.6%	29.8%	100.0%		
Additional Discount Factor PPD Level 2	0.847	0.938	0.920	0.838	0.900	0.950	0.899		
Average Discount			· · ·				10.1%		

<sup>\*</sup> Excludes CA, HI, MA, MI, NJ, NC, and TX

In addition, the discount amount is based upon an updated analysis of allocation of expenses and reflects retention differences for general and acquisition-related expenses. This was done for the PPD Level 1 segment, PPD Level 2 segment, and the rest of the book. The deviations from a ratio of 1.00 for each of the two segments were considered to indicate support for an additional discount.

#### Support for the Preferred Protection Discount

Below is a description of the column and row headings as well as the calculations that were performed in the analysis shown on Page 3 of this attachment.

- 1 Number of Policies
- 2 Average # Items per Policy
  The average number of vehicles written on each policy
- 3 Current Average Premium per Item.
  The current average premium per vehicle
- 4 Current Average Premium per Policy
  The current average premium per policy
- Assumed Underlying Current Fixed Expenses per Item  $[=(3_{TOTAL})*(15)/[1-(14)]]$ The fixed expense portion of the Current Average Premium per Item
- Assumed Underlying Current Fixed Expenses per Policy [=(5)\*(2)]The Assumed Fixed Expense per Item multiplied by the Average Items per Policy
- 7 Unallocated Fixed Expenses per Policy
  The amount of unallocated fixed expenses on a per policy basis
- 8 Allocated Fixed Expenses per Policy
  The amount of allocated fixed expenses on a per policy basis
- 9 Defection Relativity
  The defection rate of the segment divided by the overall defection rate
- Adjusted Allocated Fixed Expenses per Policy [=(8) \* (9)]The amount of expenses allocated per policy based on retention differences
- Proposed Fixed Expenses per Policy [=(7) + (10)]The proposed amount of expenses per policy in total
- \$ Difference in Current vs. Proposed Fixed Expenses per Policy [=(11)-(6)] The premium difference due to the change in the fixed expense allocation
- Indicated Relativity due to \$ Difference in Fixed Expenses per Policy [1 + (12) / [4] (6)]The indicated variable relativity due to the change in the fixed expense allocation
- Variable Expense Ratio
  Variable expenses and profit as a percentage of premium
- Fixed Expense Percentage
  Fixed expenses as a percentage of total premium

#### Encompass Indemnity Company Private Passenger Automobile Arkansas

Attachment B Page 3 of 5

#### Support for the Preferred Protection Discount

- Indicated Discount due to Expenses  $[=1-[1+(13_{DISC})]/[1+(13_{NO\ DISC})]]$ The amount of discount indicated relative to the no discount segment
- 17 Indicated from Residual Analysis
  Please find a description of this support on Page 1.
- 18 Indicated Discount [=1-(1-(16))\*(1-(17))]
- 19 Selected Discount
  The discount amount selected

#### Arkansas Encompass Indemnity Company Private Passenger Automobile

# **Development of the Preferred Protection Discount**

	All Coverages												
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
					= (3TOT) *	= (5) * (2)				= (8) * (9)	=(7)+(10)	= (11) - (6)	= 1 + (12) /
					(15) / [1 - (14)]								[(4) - (6)] Indicated
					Assumed	Assumed						\$ Difference	Relativity
					Underlying	Underlying				Adjusted		in Current vs.	due to \$
			Current	Current	Current	Current	Unallocated	Allocated		Allocated	Proposed	Proposed	Difference in
		Average #	Average	Average	Fixed	Fixed	Fixed	Fixed		Fixed	Fixed	Fixed	Fixed
	Number of	Items per	Premium per	Premium per	Expenses per	Expenses per	Expenses Per	Expenses per	Defection	Expenses per	Expenses per	Expenses per	Expenses per
Segment	Policies	Policy	Item	Policy	Item	Policy	Policy	Policy	Relativity	Policy	Policy	Policy	Policy
PPD Level 1	51,541	2.57	\$630.69	\$1,623.05	\$89.08	\$229.24	\$39.12	\$134.03	0.79	\$105.28	\$144.40	-\$84.83	0.939
PPD Level 2	28,172	1.58	\$769.22	\$1,214.72	\$89.08	\$140.67	\$39.12	\$134.03	0.82	\$110.54	\$149.67	\$9.00	1.008
No Discount	47,680	1.48	\$915.16	\$1,353.17	\$89.08	\$131.71	\$39.12	\$134.03	1.34	\$178.97	\$218.10	\$86.39	1.071
Total	127,393	1.94	\$736.57	\$1,431.74	\$89.08	\$173.15	\$39.12	\$134.03	1.00	\$134.03	\$173.15	\$0.00	

(14)	Variable expense ratio:	24.6%
(15)	Fixed Expense Percentage:	9.1%
(16)	Indicated Discount due to Expenses = 1 - [1+(13Disc)] / [1+(13No Disc)] PPD Level 1 PPD Level 2	12.3% 5.8%
(17)	Indicated from Residual Analysis (See Attachment B, Page 1) PPD Level 1 PPD Level 2	12.1% 10.1%
(18)	Indicated Discount = 1 - [1-(16)] * [1-(17)] PPD Level 1 PPD Level 2	22.9% 15.4%
(19)	Selected Discount PPD Level 1 PPD Level 2	25.0% 15.0%

#### ENCOMPASS INDEMNITY COMPANY PRIVATE PASSENGER AUTO ARKANSAS

Loss Ratio/PPD Factor Support Based on Encompass Edge Data Accident Year 2Q2006-1Q2011

		(1)	(2)		(2)   (3)=(1)/(2)   (4)		(5)=(4)-1	(6)	
	Ex-0	CAT Limited		Earned		Loss	Supportable	Selected	
PPD	Deve	loped Incurred	red Premium @			Ratio	Percent	Percent	
Level	Losse	es Plus ALAE		CRL	Loss Ratio	Relativity	Change	Change	
PPD1	\$	1,765,781	\$	4,886,424	36.1%	0.74	-25.8%	-11.8%	
PPD2	\$	504,150	\$	1,314,821	38.3%	0.79	-21.3%	-5.6%	
No PPD	\$	4,970,121	\$	8,661,453	57.4%	1.18	17.8%	0.0%	

<u>Total:</u> 48.7%

# ENCOMPASS INDEMNITY COMPANY & ENCOMPASS INSURANCE COMPANY OF AMERICA PRIVATE PASSENGER AUTO ARKANSAS

Response to letter dated January 12, 2012 regarding Filings #ER-1910/ER-1912

#### 1. Please provide the Department with an exhibit displaying loss ratios by coverage.

In 2009, Encompass began using a pure premium method for the development of its rate level indications. There are several benefits to using the pure premium method; for instance, there is not a need to make as many adjustments to the premium as compared to the loss ratio approach. This simplification contributed to the decision to use the pure premium method. In addition, systems capabilities were better aligned with the use of a pure premium method.

The indication corresponding to filings ER-1910 and ER-1912 was calculated using a pure premium methodology. No corresponding loss ratio indication was calculated since as illustrated in actuarial literature, both a loss ratio and a pure premium methodology for calculating rate need produce the same results when consistent data and assumptions are used.

The **pure premium method** develops indicated rates, while a **loss ratio method** develops indicated rate changes directly. Encompass compares the indicated rate calculated using its pure premium methodology to the projected average premium to determine the indicated rate change.

Indicated rates can be calculated using the following formula:

R = (P+F)/(1-V-Q), where:

R is the (indicated) rate per unit of exposure;

P is pure premium (average loss per exposure);

F is fixed expense per exposure;

V is variable expense factor;

Q is profit and contingency factor.

For reference, the **loss ratio method** uses the following formulas:

 $R = A*R_0$ , where

R is the (indicated) rate per unit of exposure;

Ro is the current rate;

A is an adjustment factor, which is equal to W/T where

W is the experience loss ratio;

T is the target loss ratio.

T = (1-V-Q)/(1+G), where:

V is the premium-related expense factor;

Q is profit and contingency factor;

G is ratio of non-premium-related expenses to losses.

 $W = L/(E*R_0)$ , where:

L is experience losses;

E is experience period earned exposures;  $R_0$  is the current rate.

As stated above, the pure premium and loss ratio methods will produce identical rates when applied to identical data and when consistent assumptions are used.

It can be derived that the indicated rate under a loss ratio method is as follows:

$$R = A*R_0 = (W/T)*R_0 = [L/(E*R_0)]*[(1-V-Q)/(1+G)]*R_0 = [L*(1+G)]/[E*(1-V-Q)]$$

Pure premium is defined as experience losses per experience period earned exposures. Therefore, P = L/E or L=E\*P.

As above, G is the ratio of non-premium-related expenses to loss; therefore G = (E\*F)/L. When combined with the above equation for pure premium, it can be shown that G = (E\*F)/(E\*P) = F/P.

By substituting for L and G in the loss ratio method formula derived above, it can be shown that R = (E\*P)\*(1+F/P) / [E\*(1-V-Q)] = (P+F)/(1-V-Q), which is the formula for the pure premium method.

For more detail, please reference Chapter 3 of "Ratemaking," from *Foundations of Casualty Actuarial Science* by C.L. McClenahan.

Please note that, in approved filing #ER-1661, the indication provided in response to an Arkansas Department of Insurance inquiry used the pure premium method.